DOCUMENT RESUME

ED 026 279 SE 006 343

Science Education Information Report, General Bibliography Series 13, Instructional Equipment and Materials.
ERIC Information Analysis Center for Science Education, Columbus, Ohio.
Pub Date Dec 68
Note-79p.
EDRS Price MF-$0.50 HC-$4.05
Descriptors-*Audiovisual Aids, *Bibliographies, Biology, College Science, Elementary School Science, Laboratory Equipment, Mathematics Education, Physical Sciences, *Science Education, *Science Equipment, *Science Materials, Secondary School Science

This is the third in the second series of general bibliographies developed to disseminate information on documents analyzed at the ERIC Information Analysis Center for Science Education. Reported are some 297 citations of selected documents related to instructional equipment and materials for teaching and learning science. The documents included represent research reports, research reviews, manuals, speeches, textbooks and other types. Citations are listed in alphabetical order by author and indicate source, availability, and major ideas of the document. This bibliography is available at no cost, while the supply lasts, from the ERIC Information Analysis Center for Science Education, 1460 West Lane Avenue, Columbus, Ohio 43221. It updates, but does not replace, the earlier bibliography produced in this area by the Center. (GR)

ED 026279

SEIAC

AN ERIC CENTER

SCIENCE
EDUCATION
INFORMATION
REPORT

General Bibliography Series
Bibliography 13

Instructional Equipment and Materials

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL OFFICE OF EDUCATION POSITION OR POLICY.

SE 006 343

SEIAC/SCIENCE EDUCATION INFORMATION ANALYSIS CENTER

. . . an information center to organize and disseminate information and materials on science education to teachers, administrators, supervisors, researchers, and the public. A joint project of The Ohio State University and the Educational Resources Information Center of USOE.

SCIENCE EDUCATION INFORMATION REPORT

General Bibliography Series
Bibliography 13

Instructional Equipment and Materials

ERIC Information Analysis Center
for Science Education
1460 West Lane Avenue
Columbus, Ohio 43221

December, 1968

BIBLIOGRAPHY 13

Table of Contents

Page

A. Instructional Equipment and Materials 1

B. Author Index 68

SCIENCE EDUCATION INFORMATION REPORTS

The *Science Education Information Reports* are being developed to disseminate information concerning documents analyzed at the ERIC Information Analysis Center for Science Education. The Reports include five types of publications. *General Bibliographies* are being issued to announce most documents processed by the Information Analysis Center for Science Education. These bibliographies are categorized by topics and indicate the availability of the document and the major ideas included in the document. *Special Bibliographies* are being developed to announce availability of documents in selected interest areas. These bibliographies will list most significant documents that have been published in the interest area. *Guides to Resource Literature for Science Teachers* are bibliographies that identify references for the professional growth of teachers at all levels of science teaching. This series will include six separate publications. *State-of-the-Art Papers* will be issued periodically to indicate implications of research for science teaching. *Research Reviews* will be issued to analyze and synthesize research related to science education over a period of several years.

The Science Education Information Reports will be announced in the *SEIAC Newsletter* as they become available.

GENERAL BIBLIOGRAPHIES

The *General Bibliographies* are being developed to announce the documents acquired and processed by the ERIC Information Analysis Center for Science Education. The bibliographies will focus on general topics. This bibliography announces most documents related to the topic that were included in the second 2,000 documents processed by this Center. It supplements *General Bibliography 3*. Additional supplements will be issued as documents are processed.

USING BIBLIOGRAPHIC CITATIONS

All documents are listed by similar bibliographic citations. A sample citation is explained for your convenience. You will find it helpful to study the explanation of the sample citation before using this bibliography.

SAMPLE OF BIBLIOGRAPHIC CITATION

---

(1) SE 003 067 (2) 02 27 68 (3) 10 92 29 (4) 1 (5) 00 000 007
(6) SIMENDINGER, ELIZABETH A.
(7) TEAM TEACHING IN SCIENCE
(8) THE SCIENCE TEACHER
(9) 10 00 67 (10) 3
(11) *CURRICULUM DEVELOPMENT, *INSTRUCTION, *SECONDARY SCHOOL SCIENCE, *SCIENCE FACILITIES, *TEAM TEACHING, BIOLOGY, CHEMISTRY, EARTH SCIENCE, GENERAL SCIENCE, PHYSICS, PROGRAM DESCRIPTION, NATIONAL SCIENCE FOUNDATION, INTRODUCTORY PHYSICAL SCIENCES, EARTH SCIENCE CURRICULUM PROJECT

EXPLANATION OF BIBLIOGRAPHIC CITATION

(1) (SE 003 067)

This is the Science Education Center's identification number for the document. It serves as the name for the document and provides a way of locating the material.

(2) (02 27 68)

The second field contains the date the citation was typed at this Center (February 27, 1968)

(3) (10 92 29)

Field three is a code for developing bibliographies. By using this code several kinds of bibliographies can be structured by retrieval specialists or by computer programs.

(4) 1

This field indicates the level of processing of the document.

1--cataloged and indexed
2--cataloged, indexed, and annotated or abstracted
3--announced in *Research in Education*

(5) (00 000 007)

The source of the document has also been coded for computer search. This number identifies where the document can be obtained. It usually designates the same source as field seven.

(6) SIMENDINGER, ELIZABETH A.

The principal author, editor, or organization associated with the writing of the document is listed.

(7) TEAM TEACHING IN SCIENCE

Title of the document.

(8) THE SCIENCE TEACHER

This indicates where the document was obtained by the Center.

(9) (10 00 67)

This field designates the publication date of the document (October, 1967). The first set of two numerics represents the month; the second, the day of the month; and the third, the year. In most cases the date is obtained from the document. In a few cases, when no date of publication is on the document, the date is estimated based on the best information available in the document.

(10) 3

Field ten identifies the number of pages in the document. This document contains three pages. Use of this field will provide information concerning the length of the document.

(11) *CURRICULUM DEVELOPMENT, *INSTRUCTION, *SECONDARY SCHOOL SCIENCE, *SCIENCE FACILITIES, *TEAM TEACHING, BIOLOGY, CHEMISTRY, EARTH SCIENCE, GENERAL SCIENCE, PHYSICS, PROGRAM DESCRIPTION, NATIONAL SCIENCE FOUNDATION, INTRODUCTORY PHYSICAL SCIENCES, EARTH SCIENCE CURRICULUM PROJECT

This field provides an indication of the ideas included in the document. Each term, such as *INSTRUCTION, has been selected by an information analyst because the term is important for the identification of the document. Terms marked with an asterisk represent primary ideas in the document; the other terms represent ideas of lesser importance. You can use this information to narrow the number of documents you want to review.

INSTRUCTIONAL EQUIPMENT AND MATERIALS

1. SE 003 330 08 07 68 06 23 30 1 00 000 009
ACOSTA, V. AND OTHERS
ELECTROLYSIS OF WATER AND RECOMBINATION OF OXYGEN AND HYDROGEN LECTURE-DEMONSTRATION EQUIPMENT

THE PHYSICS TEACHER

10 00 67 3
*CHEMISTRY, *ELECTROLYSIS, *ELECTROCHEMISTRY, *LECTURE DEMONSTRATION, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES, *SCIENCE DEMONSTRATION, *WATER ELECTROLYSIS, PHYSICS

2. SE 002 660 02 21 68 06 33 30 1 00 000 002
ADLER, ALAN AND HANE, MICHAEL
A SIMPLE MOSSBAUER-EFFECT APPARATUS

AMERICAN JOURNAL OF PHYSICS

03 00 66 3
*COLLEGE SCIENCE, *MODERN PHYSICS, *PHYSICS, *NUCLEAR PHYSICS, *PAPERS, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES, SCIENCE EXPERIMENTS, SCIENCE DEMONSTRATIONS, NATIONAL INSTITUTE OF HEALTH, UNITED STATES ARMY RESEARCH GRANT, MOSSBAUER-EFFECT APPARATUS

3. SE 002 653 02 21 68 06 33 30 1 00 000 002
AHEARNER, JOHN F.
INTRODUCTORY PHYSICS EXPERIMENTS USING A DIGITAL COMPUTER

AMERICAN JOURNAL OF PHYSICS

04 00 66 4
*COLLEGE SCIENCE, *DIGITAL COMPUTERS, *PHYSICS, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES, *STUDENT EXPERIMENTS, COMPUTERS, UNITED STATES AIR FORCE ACADEMY, BURROUGHS B-5500 COMPUTER

4. SE 002 969 03 06 68 06 33 38 1 00 000 009
AINSLIE, D. S.
SIMPLE EQUIPMENT AND PROCEDURES IN ELEMENTARY LABORATORIES

THE PHYSICS TEACHER

09 00 67 3
*COLLEGE SCIENCE, *ELECTRICITY, *INSTRUCTION, *PHYSICS, *SCIENCE ACTIVITIES, *SCIENCE DEMONSTRATIONS, *SCIENCE EQUIPMENT, HEAT, MECHANICS

5. SE 002 294 08 24 67 17 12 37 1 06 000 238
ALEXOPOULOS, C. J. AND KOEVENIG, JAMES
SLIME MOLDS AND RESEARCH - BSCS PAMPHLET #13

D. C. HEATH AND COMPANY

64 35
*BIOLOGY, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL SCIENCE, *SLIME MOLDS, AMERICAN INSTITUTE OF BIOLOGICAL SCIENCE, BIOLOGICAL SCIENCES CURRICULUM STUDY

6. SE 002 904 02 26 68 06 33 30 1 00 000 002
ALLEN, R. B.
PROCEEDINGS - ENERGY GAP, CARRIER DENSITY AND MOBILITY, EXPERIMENT FOR SOPHOMORES

AMERICAN JOURNAL OF PHYSICS

07 00 67 2
*COLLEGE SCIENCE, *PAPERS, *PHYSICS, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, *THERMAL RESISTANCE, SCIENCE EXPERIMENTS, ENERGY

7. SE 002 679 08 07 68 06 23 38 1 00 000 003
ALPERN, D. K.
A PH SCALER

JOURNAL OF CHEMICAL EDUCATION

06 00 67 1
*COLLEGE SCIENCE, *CHEMISTRY, *INSTRUCTIONAL AIDS, *MEASUREMENT INSTRUMENTS, SCIENCE MATERIALS

8. SE 002 757 07 08 68 17 25 38 1 00 000 003
ALYEA, HUBERT N.
TOPS

JOURNAL OF CHEMICAL EDUCATION

04 00 66 2
*AUDIOVISUAL AIDS, *CHEMISTRY, *INSTRUCTIONAL MATERIALS, *MATERIALS DEVELOPMENT, *OVERHEAD PROJECTORS, *SECONDARY SCHOOL SCIENCE, COLLEGE SCIENCE, ELEMENTARY SCHOOL SCIENCE, TEACHER DEMONSTRATIONS, TESTED OVERHEAD PROJECTION SERIES

9. SE 002 738 07 08 68 17 25 38 1 00 000 003
ALYEA, HUBERT N.
TOPS

JOURNAL OF CHEMICAL EDUCATION

02 00 66 2
*AUDIOVISUAL AIDS, *CHEMISTRY, *INSTRUCTIONAL MATERIALS, *MATERIALS DEVELOPMENT, *OVERHEAD PROJECTORS, *SECONDARY SCHOOL SCIENCE, COLLEGE SCIENCE, ELEMENTARY SCHOOL SCIENCE, TEACHER DEMONSTRATIONS, TESTED OVERHEAD PROJECTION SERIES

10. SE 002 876 04 18 68 18 33 03 2 00 000 002
ANDERSON, DAVID L.
RESOURCE LETTER ECAN-1 ON THE ELECTRONIC CHARGE AND AVOGADRO'S NUMBER

AMERICAN JOURNAL OF PHYSICS

01 00 66 7
*BIBLIOGRAPHIES, *COLLEGE SCIENCE, *CATHODE RAYS, *ELECTRONS, *FILMS, *PHYSICS, ATOMIC STRUCTURE, NUCLEAR SCIENCE, SCIENCE EQUIPMENT, SCIENCE ACTIVITIES, NATIONAL SCIENCE FOUNDATION, AVOGADRO'S NUMBER, RESOURCE LETTER

11. SE 003 854 03 21 68 17 22 17 2 00 000 006
ANDERSON, KENNETH E. AND OTHERS
AN EVALUATION OF THE INTRODUCTORY CHEMISTRY COURSE ON FILM

SCIENCE EDUCATION

04 00 61 16
*ACADEMIC ACHIEVEMENT, *CURRICULUM, *CHEMISTRY, *INSTRUCTIONAL MATERIALS, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, FILMS, EVALUATION, INSTRUCTION, SCIENCE COURSES, ANDERSON CHEMISTRY TEST, LABORATORY TECHNIQUES AND APPARATUS TEST FOR HIGH SCHOOL CHEMISTRY, 1961

12. SE 002 650 02 20 68 06 33 30 1 00 000 002
ANDERSON, O. T. AND BEDESEM, M. P.
DEVELOPMENT OF A RUBY LASER SYSTEM AS AN UNDERGRADUATE PROJECT

AMERICAN JOURNAL OF PHYSICS

04 00 66 5
*COLLEGE SCIENCE, *LASERS, *PHYSICS, *SCIENCE ACTIVITIES, RUBY LASERS, SCIENCE EQUIPMENT, SCIENCE PROJECTS, UNDERGRADUATE STUDY

13. SE 003 310 08 07 68 06 23 20 1 00 000 003
ANDERSON, RONALD W.
TWO LOW-COST SOLID STATE TEMPERATURE CONTROLLERS

JOURNAL OF CHEMICAL EDUCATION

10 00 67 5
*COLLEGE SCIENCE, *CHEMISTRY, *PHYSICAL SCIENCES, *SCIENCE EQUIPMENT, *TEMPERATURE, THERMISTER-BRIDGE CONTROLLER, TEMPERATURE CONTROLLER

14. SE 003 024 02 27 68 06 33 30 1 00 000 002
ANDREWS, C. L.
DEMONSTRATION MICROWAVE INTERFEROMETERS

AMERICAN JOURNAL OF PHYSICS

11 00 65 6
*COLLEGE SCIENCE, *INTERFEROMETERS, *MICROWAVES, *OVERHEAD PROJECTORS, *PHYSICS, *SCIENCE DEMONSTRATIONS, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, AUDIOVISUAL AIDS, MICROWAVE INTERFEROMETERS

15. SE 002 761 03 19 68 06 25 30 1 00 000 003
ANGELL, C. A. AND GRUEN, D. M.
SIMPLE TWO-DIMENSIONAL MAGNETIC DISC MODELS OF IONIC LIQUIDS

JOURNAL OF CHEMICAL EDUCATION

04 00 66 3
*COLLEGE SCIENCE, *CHEMISTRY, *IONIC LIQUIDS, *LIQUIDS, *MODELS, *SCIENCE DEMONSTRATIONS, *SCIENCE ACTIVITIES, *SECONDARY SCHOOL SCIENCE

16. SE 002 095 09 18 67 17 93 38 00 000 197
AREM, JOEL E.
CONSTRUCTION OF TETRAHEDRAL MODELS TO AID VISUALIZATION OF MULTICOMPONENT SYSTEMS

JOURNAL OF GEOLOGICAL EDUCATION

04 00 67 2
*AUDIOVISUAL AIDS, *CHEMISTRY, *INSTRUCTIONAL MATERIALS, *PHASE RELATIONS, *VISUAL MODELS, COLLEGE SCIENCE, EARTH SCIENCE, TEACHER RESOURCE MATERIALS, THERMODYNAMICS

17. SE 002 905 02 26 68 06 35 30 1 00 000 002
ASHER, IRWIN AND HELLER, PETER
PROCEEDINGS - OBSERVATION OF THE FREE VIBRATIONS OF A TUNING FORK AT ROOM TEMPERATURE

AMERICAN JOURNAL OF PHYSICS

07 00 67 1
*COLLEGE SCIENCE, *EQUIPARTITION THEOREM, *PAPERS, *PHYSICS, *SECONDARY SCHOOL SCIENCE, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES, ENERGY, HARMONIC OSCILLATOR, SCIENCE EXPERIMENTS, VIBRATIONS, HARVARD PROJECT PHYSICS

18. SE 002 301 08 24 67 17 12 37 1 06 000 238
AUFFENBERG, WALTER
PRESENT PROBLEMS ABOUT THE PAST - BSCS PAMPHLET #6

D.C. HEATH AND COMPANY

02 00 63 35
*BIOLOGY, *FOSSILS, *INSTRUCTIONAL MATERIALS, *PALEONTOLOGY, *SECONDARY SCHOOL SCIENCE, AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES, BIOLOGICAL SCIENCES CURRICULUM STUDY

19. SE 002 724 03 19 68 17 23 38 1 00 000 003
AULT, ADDISON
TEXTBOOK ERRORS, 68 - THE ACTIVATING EFFECT OF FLUORINE IN ELECTROPHILIC AROMATIC SUBSTITUTION

JOURNAL OF CHEMICAL EDUCATION

06 00 66 2
*COLLEGE SCIENCE, *CHEMISTRY, *INSTRUCTIONAL MATERIALS, *ORGANIC CHEMISTRY, *TEXTBOOKS, AROMATIC SUBSTITUTIONS, TEXTBOOK ERRORS

20. SE 002 998 02 26 68 06 33 30 1 00 000 002
BALCOMBE, R. J. AND PERZ, J. M.
EXPERIMENTAL STUDIES OF MAGNETIC PROPERTIES OF A METAL IN THE NORMAL AND SUPERCONDUCTING STATES

AMERICAN JOURNAL OF PHYSICS

06 00 67 6
*COLLEGE SCIENCE, *CRYOGENICS, *METALS, *MAGNETIC PROPERTIES, *PHYSICS, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES, MAGNETISM, PHYSICAL PROPERTIES, SCIENCE EXPERIMENTS, SUPERCONDUCTORS, SOLID-STATE PHYSICS, UNDERGRADUATE STUDY

21. SE 002 075 08 23 67 06 23 38 1 00 000 003
BARRETT, EDWARD J.
MODELS ILLUSTRATING AND ORBITALS INVOLVED IN MULTIPLE BONDING

JOURNAL OF CHEMICAL EDUCATION

03 00 67 2
*COLLEGE SCIENCE, *CHEMISTRY, *CHEMICAL BONDING, *MOLECULAR MODELS, MODELS (SCIENCE), PHYSICS, TEACHER RESOURCE MATERIALS

22. SE 003 236 03 07 68 06 52 20 1 00 000 004
BEAIRD, ROBERT W.
THE INTRODUCTORY PHYSICAL SCIENCE COURSE IN JUNIOR HIGH

SCHOOL SCIENCE AND MATHEMATICS

10 00 67 6
*CURRICULUM, *PHYSICAL SCIENCES, *SECONDARY SCHOOL SCIENCE, COURSE CONTENT, EDUCATIONAL OBJECTIVES, SCIENCE COURSES, INTRODUCTORY PHYSICAL SCIENCE (IPS)

23. SE 003 483 09 10 68 18 12 30 1 00 000 001
BEHRINGER, MARJORIE
USE OF THE VINEGAR EEL IN THE LABORATORY

THE AMERICAN BIOLOGY TEACHER

10 00 67 8
*BIOLOGY, *SCIENCE EXPERIMENTS, *SCIENCE MATERIALS, *SECONDARY SCHOOL SCIENCE, INSTRUCTIONAL MATERIALS, LABORATORY TECHNIQUES, SCIENCE ACTIVITIES, VINEGAR EEL

24. SE 002 964 06 06 68 17 12 11 3 00 000 388
BELFIELD, W.
MODELS AND METHODS IN PRACTICAL BIOLOGY FOR SECONDARY SCHOOL

PERGAMON PRESS

66 163
*BIOLOGY, *BOTANY, *INSTRUCTIONAL MATERIALS, *LABORATORY PROCEDURES, *PHYSIOLOGY, *RESOURCE MATERIALS, *SECONDARY SCHOOL SCIENCE, LABORATORY MANUALS, SCIENCE ACTIVITIES, TEXTBOOKS

25. SE 003 521 08 21 68 17 95 11 2 00 000 190
BELFORT, ALAN M. AND BELFORT, ANNE D.
CHEMISTRY

AUDIOVISUAL COMMUNICATION REVIEW

05 00 61 14
*ADULT EDUCATION, *CHEMISTRY, *COLLEGE SCIENCE, *INSTRUCTIONAL MATERIALS, *PROGRAMED LEARNING, *PROGRAMED TEXTS, *SECONDARY SCHOOL SCIENCE, ANNOTATED BIBLIOGRAPHIES, ELECTRONICS

26. SE 002 116 07 12 68 17 12 10 2 51 000 178
BIOLOGICAL SCIENCES CURRICULUM STUDY
BIOLOGICAL SCIENCE - AN INQUIRY INTO LIFE, STUDENT LABORATORY GUIDE

HARCOURT, BRACE AND WORLD

63 289
*BIOLOGY, *INSTRUCTIONAL MATERIALS, *LABORATORY PROCEDURES, *LABORATORY TECHNIQUES, *SCIENCE EXPERIMENTS, INSTRUCTION, LABORATORY MANUALS, SECONDARY SCHOOL SCIENCE, SCIENCE ACTIVITIES, BIOLOGICAL SCIENCES CURRICULUM STUDY, YELLOW VERSION

27. SE 003 092 02 27 68 06 33 30 1 00 000 002
BLOCH, S. C. AND OTHERS
INTERFERENCE-FRINGE COUNTING AS AN ASPECT OF THE DOPPLER SHIFT

AMERICAN JOURNAL OF PHYSICS

03 00 67 4
*COLLEGE SCIENCE, *DOPPLER SHIFT, *INTERFERENCE, *PHYSICS, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT

28. SE 002 297 08 24 67 17 12 37 1 06 000 238
BOOLOOTIAN, RICHARD A.
BIOLOGY OF CORAL ATOLLS - BSCS PAMPHLET #10

D. C. HEATH AND COMPANY

63 36
*BIOLOGY, *CORAL, *ECOLOGY, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL SCIENCE, BIOLOGICAL SCIENCES CURRICULUM STUDY, AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES

29. SE 002 624 03 06 68 17 33 07 1 00 000 002
BORK, ALFRED M.
QUANTUM-MECHANICAL HARMONIC OSCILLATOR (A COMPUTER-PRODUCED FILM)

AMERICAN JOURNAL OF PHYSICS

06 00 66 5
*COLLEGE SCIENCE, *INSTRUCTIONAL MATERIALS, *PHYSICS, *QUANTUM MECHANICS, AUDIOVISUAL AIDS, COMPUTER-ASSISTED INSTRUCTION, FILMS, HARMONIC OSCILLATORS

30. SE 002 547 09 10 68 06 33 30 1 00 000 002
BOYER, ROBERT A.
ACOUSTICAL INTERFEROMETER FOR "OPEN-ENDED" LABORATORY EXPERIMENTS

AMERICAN JOURNAL OF PHYSICS

10 00 66 4
*ACOUSTICS, *COLLEGE SCIENCE, *LABORATORY EXPERIMENTS, *SCIENCE ACTIVITIES, *PHYSICS, *WAVE PHENOMENA, LABORATORY TECHNIQUES, MATERIAL DEVELOPMENT, SCIENCE EXPERIMENTS, ACOUSTICAL INTERFEROMETER

31. SE 003 385 08 07 68 06 81 20 1 00 000 014
BRANLEY, FRANKLYN M.
A CURIOSITY BOX

THE GRADE TEACHER

11 00 59 1
*CURIOSITY, *EDUCATIONAL OBJECTIVES, *ELEMENTARY SCHOOL SCIENCE, *SCIENCE EQUIPMENT, LEARNING, SCIENCE MATERIALS, CURIOSITY BOX

32. SE 002 252 07 12 68 17 12 20 2 00 000 078
BRIERLEY, J. K.
THE BIOLOGICAL SCIENCES CURRICULUM STUDY PUBLICATIONS

SCIENCE

02 00 64 3
*BIOLOGY, *BOOK REVIEWS, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL SCIENCE, *TEXTBOOKS, BIOLOGICAL SCIENCES CURRICULUM STUDY

33. SE 002 765 03 19 68 06 23 38 1 00 000 003
BROCKETT, CLYDE P.
APPARATUS FOR THE QUANTITATIVE OBSERVATION OF GASEOUS DIFFUSION

JOURNAL OF CHEMICAL EDUCATION

04 00 66 4
*COLLEGE SCIENCE, *CHEMISTRY, *CHEMICAL ENGINEERING, *GASEOUS DIFFUSION, *PHYSICAL CHEMISTRY, *SCIENCE EQUIPMENT, DIFFUSION COLUMN

34. SE 002 766 03 19 68 06 23 38 1 00 000 003
BROCKETT, CLYDE P.
CONSTANT FLOW IN TITRATION

JOURNAL OF CHEMICAL EDUCATION

04 00 66 2
*COLLEGE SCIENCE, *CHEMISTRY, *SCIENCE EQUIPMENT, *TITRATION, CONSTANT FLOW

35. SE 002 282 08 23 67 17 12 37 1 06 000 238
BROWN, FRANK A., JR.
BIOLOGICAL CLOCKS - BSCS PAMPHLET #2

D. C. HEATH AND COMPANY

62 36
*BIOLOGY, *BIOLOGICAL CLOCKS, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL SCIENCE, BIOLOGICAL SCIENCES CURRICULUM STUDY, AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES

36. SE 003 363 08 07 68 06 95 17 2 00 000 096
BROWNSON, WILLIAM E. AND SCHWAB, JOSEPH J.
AMERICAN SCIENCE TEXTBOOKS AND THEIR AUTHORS, 1915 AND 1955

SCHOOL REVIEW

63 11
*SCIENCE EDUCATION, *TEXTBOOKS, *TEXTBOOK WRITERS, BIOLOGY, CHEMISTRY, MASS EDUCATION, PHYSICS, RESEARCH REPORTS, SCIENTISTS, NATIONAL SCIENCE FOUNDATION, THE AMERICAN EDUCATIONAL CATALOGUE, AMERICAN MEN OF SCIENCE

37. SE 002 146 02 07 68 06 23 23 1 00 000 003
BULTMAN, J. D. AND HANNAN, P. J.
A CONTINUOUS GAS-MIXING APPARATUS

JOURNAL OF CHEMICAL EDUCATION

07 00 67 1
*BIOCHEMISTRY, *CHEMISTRY, *GASES, *LABORATORY EQUIPMENT, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, GAS-MIXING APPARATUS

38. SE 003 519 05 28 68 17 15 38 2 00 000 190
BURMESTER, M. A. AND LAWSON, C. A.
GENETICS

AUDIOVISUAL COMMUNICATION REVIEW

05 00 61 2
*GENETICS, *INSTRUCTIONAL MATERIALS, *PROGRAMED INSTRUCTION, *PROGRAMED MATERIALS, BIOLOGY, COLLEGE SCIENCE, SECONDARY SCHOOL SCIENCE

39. SE 002 593 02 20 68 06 33 30 1 00 000 002
CABANAGH, P.
METHOD FOR DISPLAYING LINES OF FORCE IN AN ELECTROSTATIC FIELD

AMERICAN JOURNAL OF PHYSICS

11 00 66 2
*COLLEGE SCIENCE, *ELECTROSTATICS, *PHYSICS, *SCIENCE EQUIPMENT, ELECTROSTATIC FIELDS, SCIENCE ACTIVITIES

40. SE 003 489 09 10 68 06 15 38 1 00 000 001
CAPRIO, MARIO W. AND JONES, GEORGE V.
A WATER SAMPLER

THE AMERICAN BIOLOGY TEACHER

10 00 67 3
*BIOLOGY, *COLLEGE SCIENCE, *SCIENCE EQUIPMENT, *SECONDARY SCHOOL SCIENCE, ECOLOGY, OCEANOLOGY, WATER SAMPLER

41. SE 002 726 02 22 68 17 23 38 1 00 000 003
CARPENTER, DEWEY K.
TEXTBOOKS ERRORS, 69 - KINETIC THEORY, TEMPERATURE AND EQUILIBRIUM

JOURNAL OF CHEMICAL EDUCATION

06 00 66 3
*COLLEGE SCIENCE, *CHEMISTRY, *INSTRUCTIONAL MATERIALS, *PHYSICAL CHEMISTRY, *TEXTBOOKS, EQUILIBRIUM, KINETIC THEORY, TEXTBOOK ERRORS, TEMPERATURE

42. SE 002 302 08 24 67 17 12 37 1 06 000 238
CARR, ARCHIE
GUIDEPOSTS OF ANIMAL NAVIGATION - BSCS PAMPHLET #1

D. C. HEATH AND COMPANY

09 0 62 36
*ANIMAL BEHAVIOR, *BIOLOGY, *INSTRUCTIONAL MATERIALS, *MIGRATION,
*SECONDARY SCHOOL SCIENCE, *ZOOLOGY, ANIMALS, AMERICAN INSTITUTE
OF BIOLOGICAL SCIENCES, BIOLOGICAL SCIENCES CURRICULUM STUDY

43. SE 002 573 08 07 68 18 95 30 1 00 000 003
CHACO, M. C.
MICROBOILING POINT DETERMINATION AT ATMOSPHERIC PRESSURE

JOURNAL OF CHEMICAL EDUCATION

08 00 67 1
*CHEMISTRY, *COLLEGE SCIENCE, *LABORATORY TECHNIQUES, *PHYSICS,
*SCIENCE EXPERIMENTS, *SCIENCE EQUIPMENT, BOILING POINT
DETERMINATION, SCIENCE ACTIVITIES

44. SE 002 006 08 23 67 06 86 17 1 22 000 319
CHANCE, CLAYTON WILLIAM
AN EVALUATION IN THE UTILIZATION OF 200 COLORED TRANSPARENCIES FOR
THE TEACHING OF ENGINEERING DESCRIPTIVE GEOMETRY

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

63 93
*ACHIEVEMENT, *AUDIOVISUAL AIDS, *ENGINEERING EDUCATION, *GEOMETRY,
*RESEARCH REPORTS, OVERHEAD PROJECTORS, TEACHING METHODS, TEACHING
AIDS, TEACHING TECHNIQUES, TRANSPARENCIES, TESTING

45. SE 002 640 03 06 68 06 33 38 1 00 000 002
CHEFURKA, PATRICIA M.
EQUIPMENT FOR NONUNIFORM ACCELERATION

AMERICAN JOURNAL OF PHYSICS

08 00 66 1
*COLLEGE SCIENCE, *MECHANICS, *NONUNIFORM ACCELERATION, *PHYSICS,
*SCIENCE EQUIPMENT, ACCELERATION

46. SE 002 548 08 07 68 06 33 30 1 00 000 002
CHEW, HENRY S. C.
NEW ATWOOD'S MACHINE ATTACHMENT

AMERICAN JOURNAL OF PHYSICS

10 00 66 4
*COLLEGE SCIENCE, *LABORATORY EXPERIMENTS, *LABORATORY PROCEDURES,
*MATERIAL DEVELOPMENT, *PHYSICS, *SCIENCE EQUIPMENT, *SCIENCE
EXPERIMENTS, *SCIENCE ACTIVITIES

47. SE 002 339 03 06 68 17 51 17 2 22 000 319
CHINNIS, ROBERT JENNINGS
THE DEVELOPMENT OF PHYSICAL SCIENCE PRINCIPLES IN ELEMENTARY-SCHOOL SCIENCE TEXTBOOKS

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

62 213
*CONCEPT FORMATION, *ELEMENTARY SCHOOL SCIENCE, *PHYSICAL SCIENCES, *RESEARCH REPORTS, *SCIENTIFIC PRINCIPLES, *TEXTBOOK ANALYSIS, DOCTORAL THESES, INSTRUCTIONAL MATERIALS, TEXTBOOKS, TEXTBOOK CONTENT, 1962

48. SE 002 288 08 24 67 17 12 37 1 06 000 238
COLLIAS, NICHOLAS E.
ANIMAL LANGUAGE - BSCS PAMPHLET #20

D. C. HEATH AND COMPANY

64 36
*ANIMAL BEHAVIOR, *BIOLOGY, *COMMUNICATION, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL SCIENCE, *ZOOLOGY, BIOLOGICAL SCIENCES CURRICULUM STUDY, ANIMALS, AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES

49. SE 003 793 08 19 68 06 09 23 1 06 000 200
COLORADO STATE DEPARTMENT OF EDUCATION
SUGGESTED MATERIALS AND EQUIPMENT FOR THE MATHEMATICS PROGRAM IN COLORADO SCHOOLS

COLORADO STATE DEPARTMENT OF EDUCATION

60 56
*ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, *MATHEMATICS MATERIALS, *SECONDARY SCHOOL MATHEMATICS, AUDIO VISUAL AIDS, EQUIPMENT

50. SE 003 328 08 13 68 17 95 32 1 22 000 298
COMMISSION ON COLLEGE PHYSICS
COMMISSION ON COLLEGE PHYSICS NEWSLETTER

COMMISSION ON COLLEGE PHYSICS

04 00 61 4
*AUDIOVISUAL AIDS, *COLLEGE SCIENCE, *FILMS, *INSTRUCTIONAL MATERIALS, *NEWSLETTERS, *PHYSICAL SCIENCES, *PHYSICS, *RELATIVITY, LABORATORY EQUIPMENT, SCIENCE EQUIPMENT, SCIENCE KITS

51. SE 002 601 07 08 68 06 86 20 1 00 000 002
CRALLE, ROBERT K.
LANGUAGE FOR MAKING MOVIES ON A COMPUTER

AMERICAN JOURNAL OF PHYSICS

09 00 66 2
*COMPUTER BASED LABORATORIES, *COMPUTER ORIENTED PROGRAMS, *INSTRUCTIONAL MATERIALS, AUDIOVISUAL AIDS, FILMS, MATERIALS DEVELOPMENT

52. SE 003 485 09 10 68 06 12 30 1 00 000 001
DAUGS, DONALD R.
BETTA SPLENDENS--THE SIAMESE FIGHTING FISH

THE AMERICAN BIOLOGY TEACHER

10 00 67 3
*BIOLOGY, *FISH, *SCIENCE MATERIALS, *SECONDARY SCHOOL SCIENCE, *SCIENCE ACTIVITIES, ANIMAL BEHAVIOR, GENETICS, LABORATORY TECHNIQUES, ZOOLOGY, BETTA SPLENDENS

53. SE 003 871 08 14 68 17 23 20 1 00 000 003
DAY, RICHARD A. AND RITTER, EDMOND J.
ERRORS IN REPRESENTING STRUCTURES OF PROTEINS AND NUCLEIC ACIDS

JOURNAL OF CHEMICAL EDUCATION

12 00 67 3
*CHEMISTRY, *COLLEGE SCIENCE, *INSTRUCTIONAL MATERIALS, *PROTEINS, *TEXTBOOKS, *TEXTBOOK EVALUATION, BIOCHEMISTRY, INSTRUCTION, MOLECULAR STRUCTURE, ORGANIC CHEMISTRY, TEXTBOOK ERRORS

54. SE 002 903 02 26 68 06 33 30 1 00 000 002
DAYBELL, MELVIN D.
THE NEW MEXICO STATE UNIVERSITY STERN GERLACH APPARATUS

AMERICAN JOURNAL OF PHYSICS

07 00 67 5
*COLLEGE SCIENCE, *MOMENTUM, *PHYSICS, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, ATOMIC ANGULAR MOMENTUM, SCIENCE EXPERIMENTS, UNDERGRADUATE STUDIES, NATIONAL SCIENCE FOUNDATION GRANT GE-1735, NEW MEXICO STATE UNIVERSITY, STERN-GERLACH EXPERIMENT

55. SE 002 912 03 06 68 06 32 20 1 00 000 002
DEALL, LOUIS
PROCEEDINGS - TACTILE EDUCATION IN PHYSICS INSTRUCTION

AMERICAN JOURNAL OF PHYSICS

07 00 67 1
*DEVELOPMENT REPORTS, *ELEMENTARY SCHOOL SCIENCE, *PHYSICS, *SCIENCE ACTIVITIES, *SECONDARY SCHOOL SCIENCE, *SCIENCE EQUIPMENT, MADISON PROJECT SHOE-BOX

56. SE 002 685 02 21 68 17 23 20 1 00 000 003
DIAPER, D. G. M.
TEXTBOOK ERRORS, 76 - OZONOLYSIS

JOURNAL OF CHEMICAL EDUCATION

06 00 67 2
*COLLEGE SCIENCE, *CHEMISTRY, *INSTRUCTIONAL MATERIALS, *OZONOLYSIS, *TEXTBOOKS, *TEXTBOOK ERRORS

57. SE 003 836 04 19 68 16 85 20 1 00 000 007
DILLMAN, DUANE H.
THE UNITED STATES OFFICE OF EDUCATION AND SCIENCE TEACHERS

THE SCIENCE TEACHER

09 00 67 4
*COLLEGE SCIENCE, *ELEMENTARY SCHOOL SCIENCE, *FUNDED PROGRAMS, *EDUCATION ACTS, *LEGISLATIVE ACTS AND REPORTS, *PAPER, *SECONDARY SCHOOL SCIENCE, *TITLES, EDUCATIONAL PROGRAMS, FEDERAL PROGRAMS, FACILITIES, EDUCATIONAL RESEARCH, GOVERNMENT AGENCY, HIGHER EDUCATION ACT, PUBLIC LAW, RESEARCH, TEACHER EDUCATION

58. SE 003 160 03 04 68 17 95 38 1 00 000 414
DRUMMOND, AINSLIE H., JR.
SCIENCE NEWS IN THE CLASSROOM

SATURDAY REVIEW

07 17 65 1
*BIBLIOGRAPHIES, *EDUCATIONAL OBJECTIVES, *INSTRUCTIONAL MATERIALS, *PERIODICALS, *SECONDARY SCHOOL SCIENCE, SCIENCE MATERIALS, *REFERENCE MATERIALS

59. SE 002 304 08 24 67 17 12 37 1 06 00 238
DUBRUL, E. LLOYD
BIOMECHANICS OF THE BODY - BSCS PAMPHLET #5

D. C. HEATH AND COMPANY

65 32
*ANIMAL STRUCTURES, *ANIMAL FUNCTIONS, *BIOLOGY, *BIOPHYSICS, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL SCIENCE, ZOOLOGY, AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES, BIOLOGICAL SCIENCES CURRICULUM STUDY

60. SE 002 902 02 26 68 06 33 30 1 00 000 002
DUGGAN, JEROME L. AND ADAMS, WILLIAM D.
CHARGED PARTICLE DETECTOR EXPERIMENTS FOR THE MODERN PHYSICS LABORATORY

AMERICAN JOURNAL OF PHYSICS

07 00 67 8
*COLLEGE SCIENCE, *PHYSICS, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES, CHARGED PARTICLE DETECTOR, ENERGY, SEMICONDUCTOR DETECTORS, SCIENCE EXPERIMENTS, UNDERGRADUATE STUDY, NATIONAL SCIENCE FOUNDATION, UNITED STATES ATOMIC ENERGY COMMISSION

61. SE 003 232 08 07 68 06 33 30 1 00 000 002
DUGGAN, JEROME L. AND OTHERS
RUTHERFORD SCATTERING WITH A LOW-ENERGY COCKCROFT-WALTON ACCELERATOR

AMERICAN JOURNAL OF PHYSICS

08 00 67 6
*COLLEGE SCIENCE, *MODERN PHYSICS, *NUCLEAR PHYSICS, *PHYSICS, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES, *UNDERGRADUATE STUDY, ACCELERATORS, ATOMIC THEORY, SCIENCE HISTORY, NATIONAL SCIENCE FOUNDATION, OAK RIDGE ASSOCIATED UNIVERSITIES, RUTHERFORD SCATTERING

62. SE 003 496 07 11 68 06 93 38 1 00 000 002
EARL, J. A.
BROWNIAN MOTION DETERMINATION OF AVOGADRO'S NUMBER

AMERICAN JOURNAL OF PHYSICS

03 00 65 2
*CHEMISTRY, *BROWNIAN MOTION, *PHYSICS, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES, COLLEGE SCIENCE, LASERS, PHYSICAL SCIENCES, AVOGADRO'S NUMBER

63. SE 002 626 03 06 68 06 33 30 1 00 000 002
EARL, JAMES A.
MODIFIED VERSION OF THE MIT RUTHERFORD SCATTERING APPARATUS FOR USE

AMERICAN JOURNAL OF PHYSICS

06 00 66 6
*ATOMIC THEORY, *NUCLEAR PHYSICS, *PHYSICS, *SCIENCE ACTIVITIES, *SCIENCE EXPERIMENTS, *COLLEGE SCIENCE, MIT RUTHERFORD SCATTERING APPARATUS

64. SE 002 857 02 23 68 06 33 30 1 00 000 002
EARL, JAMES A.
UNDERGRADUATE EXPERIMENT ON THERMAL AND SHOT NOISE

AMERICAN JOURNAL OF PHYSICS

07 00 66 6
*COLLEGE SCIENCE, *ELECTRICITY, *HEAT, *PHYSICS, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, ELECTRIC CHARGE, ELECTRONS, STUDENT EXPERIMENTS, UNDERGRADUATE STUDY, BOLTZMANN'S CONSTANT

65. SE 002 798 08 13 68 18 45 38 2 00 000 207
EARTH SCIENCE CURRICULUM PROJECT

FREE MATERIALS FOR EARTH SCIENCE TEACHERS

PRENTICE-HALL, INC.

03 00 65 25
*COLLEGE SCIENCE, *EARTH SCIENCE, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL SCIENCE, *SCIENCE MATERIALS, ASTRONOMY, BOOKS, CONSERVATION EDUCATION, GEOLOGY, MAPS, METEOROLOGY, OCEANOLOGY, EARTH SCIENCE CURRICULUM PROJECT REFERENCE SERIES, NATIONAL SCIENCE FOUNDATION, AMERICAN GEOLOGICAL INSTITUTE

66. SE 002 797 09 09 68 17 45 36 2 00 000 207
EARTH SCIENCE CURRICULUM PROJECT
SELECTED EARTH SCIENCE FILMS

PRENTICE-HALL, INC.

03 00 64 33
*COLLEGE SCIENCE, *ELEMENTARY SCIENCE, *EARTH SCIENCE, *FILMS, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL SCIENCE, EARTH SCIENCE CURRICULUM PROJECT REFERENCE SERIES, NATIONAL SCIENCE FOUNDATION, AMERICAN GEOLOGICAL INSTITUTE

67. SE 002 799 08 13 68 17 45 15 2 00 000 207
EARTH SCIENCE CURRICULUM PROJECT
SELECTED MAPS AND EARTH SCIENCE PUBLICATIONS FOR THE STATES AND PROVINCES OF NORTH AMERICA

PRENTICE-HALL, INC.

03 00 65 42
*COLLEGE SCIENCE, *ELEMENTARY SCHOOL SCIENCE, *EARTH SCIENCE, *INSTRUCTIONAL MATERIALS, *MAPS, *RESOURCE MATERIALS, *SECONDARY SCHOOL SCIENCE, PUBLICATIONS, EARTH SCIENCE CURRICULUM PROJECT REFERENCE SERIES, NATIONAL SCIENCE FOUNDATION, UNITED STATES, NORTH AMERICA, CANADA

68. SE 002 993 07 09 68 18 45 03 3 00 000 207
EARTH SCIENCE CURRICULUM PROJECT
SELECTED REFERENCES FOR EARTH SCIENCE COURSES

PRENTICE-HALL, INC.

03 00 64 34
*ASTRONOMY, *EARTH SCIENCE, *GEOLOGY, *INSTRUCTION, *INSTRUCTIONAL MATERIALS, *LABORATORY MANUALS, *METEOROLOGY, *OCEANOLOGY, *PHYSICAL GEOGRAPHY, *REFERENCE MATERIALS, *RESOURCE MATERIALS, *TEXTBOOKS, *TEACHING GUIDES, BIBLIOGRAPHIES, COLLEGE SCIENCE, *CAREERS, CONSERVATION EDUCATION, CAREER PLANNING, ELEMENTARY SCHOOL SCIENCE, FIELD TRIPS, REFERENCE BOOKS, SECONDARY SCHOOL SCIENCE, EARTH SCIENCE CURRICULUM PROJECT

69. SE 002 029 07 05 68 17 41 17 2 22 000 319
EATON, EDWARD JEFFERSON, JR.
AN INVESTIGATION OF THE RELATIONSHIP OF THREE FACTORS IN PRINTED MATERIALS TO ACHIEVEMENT IN ASTRONOMY BY SIXTH GRADE STUDENTS
UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

64 336
*ASTRONOMY, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, *RESEARCH REPORTS, ACHIEVEMENT, GRADE 6, LEARNING, TEXTBOOKS, TEXTBOOK ORGANIZATION, 1964

70. SE 002 131 02 07 68 06 23 33 1 00 000 003
EHRENKRANZ, T. E.
SAFETY IN THE CHEMICAL LABORATORY - EXPLOSION PROOF ELECTRICAL EQUIPMENT

JOURNAL OF CHEMICAL EDUCATION

06 00 67 4
*COLLEGE SCIENCE, *CHEMISTRY, *ELECTRICAL EQUIPMENT, *EQUIPMENT GUIDES, *PHYSICS, *SAFETY, *SCIENCE EQUIPMENT, LABORATORY EQUIPMENT, SECONDARY SCHOOL SCIENCE

71. SE 002 896 08 13 68 17 52 11 2 00 000 368
ELEMENTARY SCHOOL CURRICULUM PROJECT
INVESTIGATING THE EARTH

HOUGHTON MIFFLIN COMPANY

67 593
*EARTH SCIENCE, *SECONDARY SCHOOL SCIENCE, *TEXTBOOKS, ASTRONOMY, CLIMATOLOGY, GEOLOGY, GEOGRAPHY, METEOROLOGY, OCEANOLOGY, PHYSICS, SCIENCE ACTIVITIES, SOIL SCIENCE, EARTH SCIENCE CURRICULUM PROJECT, AMERICAN GEOLOGICAL INSTITUTE, NATIONAL SCIENCE FOUNDATION

72. SE 003 279 03 04 68 18 55 15 1 00 000 210
ELEMENTARY SCIENCE STUDY
BATTERIES AND BULBS, BOOK 4 - GUIDE TO BOOKS

MCGRAW-HILL BOOK COMPANY

66 14
*ANNOTATED BIBLIOGRAPHIES, *ELEMENTARY SCHOOL SCIENCE, *ELECTRICITY, *PHYSICAL SCIENCES, *SCIENCE ACTIVITIES, *SECONDARY SCHOOL SCIENCE, *STUDENT ACTIVITIES, *TEACHING GUIDES, BIBLIOGRAPHIES, BATTERIES, BULBS, MAGNETS, NATIONAL SCIENCE FOUNDATION, ELEMENTARY SCIENCE STUDY, EDUCATIONAL SERVICES, INC.

73. SE 003 957 08 14 68 17 11 11 3 00 000 210
ELEMENTARY SCIENCE STUDY
BONE PICTURE BOOK

MCGRAW-HILL BOOK COMPANY

65 45
*ANATOMY, *BIOLOGY, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL *MATERIALS, *SCIENCE COURSE IMPROVEMENT PROJECT, EVOLUTION, ELEMENTARY SCIENCE STUDY

74. SE 002 493 08 13 68 17 81 15 2 21 000 291
ELEMENTARY SCIENCE STUDY
MOBILES

MCGRAW-HILL BOOK COMPANY

66 14
*CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, *SCIENCE ACTIVITIES, *SYMMETRY, *TEACHING GUIDES, ART, BALANCES, INSTRUCTION, ELEMENTARY SCIENCE STUDY, EDUCATIONAL SERVICES, INC.

75. SE 002 494 04 19 68 17 81 15 2 21 000 291
ELEMENTARY SCIENCE STUDY
PEAS AND PARTICLES

MCGRAW-HILL BOOK COMPANY

66 45
*ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, *SCIENCE COURSE IMPROVEMENT PROJECT, *SCIENCE ACTIVITIES, *TEACHING GUIDES, AUDIOVISUAL AIDS, INSTRUCTION, MATHEMATICS, RESOURCE MATERIALS, SCIENCE UNITS, ELEMENTARY SCIENCE STUDY, EDUCATIONAL SERVICES, INC.

76. SE 003 265 09 09 68 18 12 30 1 00 000 045
ESCALANTE, A. YORK
HOW TO MOUNT AND PRESERVE INSECTS

NEA JOURNAL

10 00 55 2
*BIOLOGY, *ENTOMOLOGY, *LABORATORY TECHNIQUES, *SECONDARY SCHOOL SCIENCE, SCIENCE MATERIALS, SCIENCE ACTIVITIES

77. SE 002 292 08 24 67 17 12 37 2 06 000 238
FARNER, DONALD S.
PHOTOPERIODISM IN ANIMALS

D. C. HEATH AND COMPANY

64 36
*ANIMAL BEHAVIOR, *BIOLOGY, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL SCIENCE, *PHOTOPERIODISM, ZOOLOGY, ANIMALS, AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES, BIOLOGICAL SCIENCES CURRICULUM STUDY

78. SE 002 376 07 12 68 06 12 17 2 22 000 319
FELL, JOHN L.
A COMPARISON BETWEEN SPONSORED AND EDUCATIONAL MOTION PICTURES

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

59 115
*BIOLOGY, *FILMS, *FILM EVALUATION, *INSTRUCTIONAL FILMS, *SECONDARY SCHOOL SCIENCE, *TEACHING TECHNIQUES, AUDIOVISUAL AIDS, COMPARATIVE ANALYSIS, DOCTORAL THESES, INSTRUCTION, RESEARCH REPORTS, 1959

79. SE 003 107 02 29 68 17 33 11 2 00 000 342
FEYNMAN, RICHARD P. AND OTHERS
THE FEYNMAN LECTURES ON PHYSICS - VOLUME I

ADDISON-WESLEY PUBLISHING COMPANY

63 390
*COLLEGE SCIENCE, *HEAT, *INSTRUCTIONAL MATERIALS, *LIGHT, *MECHANICS, *MODERN PHYSICS, *OPTICS, *PHYSICS, *TEXTBOOKS, CONSERVATION LAWS, CIRCULAR MOTION, ENERGY, FORCES, MOTION, MEASUREMENT, NEWTON'S LAWS, PROBABILITY, RELATIVITY, VECTORS, WAVE THEORY, *THERMODYNAMICS, CALIFORNIA INSTITUTE OF TECHNOLOGY, FORD FOUNDATION, PHYSICS COURSE REVISIONS COMMITTEE, CAL. TECH., 1962, CLASSICAL PHYSICS, ATOMIC THEORY

80. SE 003 105 02 27 68 17 33 11 2 00 000 342
FEYNMAN, RICHARD P. AND OTHERS
THE FEYNMAN LECTURES ON PHYSICS - VOLUME II

ADDISON-WESLEY PUBLISHING COMPANY

64 400
*COLLEGE SCIENCE, *ELECTRICITY, *INSTRUCTIONAL MATERIALS, *MAGNETISM, *PHYSICS, *TEXTBOOKS, ELECTRICAL CIRCUITS, CRYSTAL STRUCTURE, DIALECTRICS, ELECTROMAGNETISM, ELECTROSTATICS, ELECTRIC FIELDS, ENERGY, ELASTICITY, INTEGRAL CALCULUS, INDUCTION, RELATIVITY, TENSORS, VECTORS, WAVES, FORD FOUNDATION, CALIFORNIA INSTITUTE OF TECHNOLOGY

81. SE 003 106 02 27 68 17 33 11 2 00 000 342
FEYNMAN, RICHARD P. AND OTHERS
THE FEYNMAN LECTURES ON PHYSICS - VOLUME III

ADDISON-WESLEY PUBLISHING COMPANY

65 350
*COLLEGE SCIENCE, *INSTRUCTIONAL MATERIALS, *MODERN PHYSICS, *PHYSICS, *QUANTUM MECHANICS, *TEXTBOOKS, CRYSTALS, CONSERVATION LAWS, CONDUCTORS, ENERGY, MOMENTUM, MATTER, PARTICLES, SYMMETRY, SEMICONDUCTORS, WAVES, FORD FOUNDATION, CALIFORNIA INSTITUTE OF TECHNOLOGY, AMPLITUDE

82. SE 003 983 09 13 68 06 33 20 1 00 000 002
FOWLER, JOHN M. AND BROOKS, JOHN F.
ONE-DIMENSIONAL WAVE DEMONSTRATION

AMERICAN JOURNAL OF PHYSICS

11 00 67 6
*COLLEGE SCIENCE, *PHYSICAL SCIENCES, *PHYSICS, *SCIENCE EQUIPMENT, *SCIENCE DEMONSTRATRATIONS, *WAVE PHENOMENA, NATIONAL SCIENCE FOUNDATION

83. SE 002 088 02 06 68 06 35 23 1 00 000 009
FRANCIS, REVEREND BROTHER COLUMBAN
APPARATUS-LECTURE DEMONSTRATION AND LABORATORY CLASSROOM TECHNIQUES - WAVES AND MEANS

THE PHYSICS TEACHER

11 00 65 2
*AUDIOVISUAL AIDS, *INSTRUCTIONAL MATERIALS, *OVERHEAD PROJECTORS, *PHYSICS, *SCIENCE DEMONSTRATIONS, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, SCIENCE ACTIVITIES, SECONDARY SCHOOL SCIENCE, TEACHING TECHNIQUES, WAVE THEORY

84. SE 003 104 02 27 68 17 33 11 2 21 000 154
FRENCH, A. P.
PHYSICS PART III - A NEW INTRODUCTORY COURSE - RELATIVITY

MASSACHUSETTS INSTITUTE OF TECHNOLOGY PRESS

66 125
*COLLEGE SCIENCE, *INSTRUCTIONAL MATERIALS, *MODERN PHYSICS, *PHYSICS, *RELATIVITY, DYNAMICS, ELECTRICITY, KINEMATICS, LENGTH, LIGHT, NEWTONIAN DYNAMICS, TIME, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, NATIONAL SCIENCE FOUNDATION, KETTERING FOUNDATION, SHELL COMPANIES FOUNDATIONS, VICTORIA FOUNDATIONS

85. SE 003 103 02 27 68 17 33 11 2 21 000 154
FRENCH, A. P.
PHYSICS PART IV - A NEW INTRODUCTORY COURSE - VIBRATIONS AND WAVES

MASSACHUSETTS INSTITUTE OF TECHNOLOGY PRESS

66 130
*COLLEGE SCIENCE, *INSTRUCTIONAL MATERIALS, *PHYSICS, *WAVE THEORY, *TEXTBOOKS, COUPLED OSCILLATORS, CONTINUOUS SYSTEMS, COMPLEX NUMBERS, FOURIER ANALYSIS, MECHANICS, PERIODIC MOTIONS, PROGRESSIVE WAVES, RESONANCE, VECTORS, VIBRATIONS, WAVES, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, NATIONAL SCIENCE FOUNDATION, KETTERING FOUNDATION, SHELL COMPANIES FOUNDATIONS, VICTORIA FOUNDATIONS

86. SE 003 102 02 27 68 17 33 11 2 21 000 154
FRENCH, A. P. AND HUDSON, A. M.
PHYSICS PART I AND PART II - A NEW INTRODUCTORY COURSE - PARTICLES AND NEWTONIAN MECHANICS

MASSACHUSETTS INSTITUTE OF TECHNOLOGY PRESS

65 200
*CLASSICAL PHYSICS, *COLLEGE SCIENCE, *INSTRUCTIONAL MATERIALS, *MECHANICS, *PHYSICS, *PARTICLES, *TEXTBOOKS, ENERGY, FORCES, MOTION, NEWTON'S LAWS, NEWTONIAN MECHANICS, PHOTONS, WAVES, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, NATIONAL SCIENCE FOUNDATION, KETTERING FOUNDATION, SHELL COMPANIES FOUNDATIONS, VICTORIA FOUNDATIONS

87. SE 002 863 02 23 68 06 33 30 1 00 000 002
FRENCH, A. P. AND OTHERS
AN INTERFERENCE FRINGE PHOTOMETER

AMERICAN JOURNAL OF PHYSICS

08 00 65 5
*COLLEGE SCIENCE, *OPTICS, *PHYSICS, *PHOTOMETER, *SCIENCE ACTIVITIES,
*SCIENCE EQUIPMENT, OPTICAL INTERFERENCE, NATIONAL SCIENCE
FOUNDATION

88. SE 002 853 02 23 68 06 33 30 1 00 000 002
FRENCH, W. R.
APPARATUS NOTES

AMERICAN JOURNAL OF PHYSICS

07 00 66 2
*COLLEGE SCIENCE, *PHYSICS, *PRECISION PULSERS, *SCIENCE EQUIPMENT,
*SCIENCE ACTIVITIES, POTENTIOMETERS

89. SE 002 283 08 24 67 17 12 37 2 06 000 238
GAFFRON, HANS
PHOTOSYNTHESIS - BSCS PAMPHLET #24

D. C. HEATH AND COMPANY

65 36
*BIOLOGY, *BOTANY, *INSTRUCTIONAL MATERIALS, *PHOTOSYNTHESIS,
*SECONDARY SCHOOL SCIENCE, AMERICAN INSTITUTE OF BIOLOGICAL
SCIENCES, BIOLOGICAL SCIENCES CURRICULUM STUDY

90. SE 003 486 09 10 68 18 12 30 1 00 000 001
GANTERT, ROBERT L.
THE PREPARATION OF SKELETAL MOUNTS

THE AMERICAN BIOLOGY TEACHER

10 00 67 4
*BIOLOGY, *COLLEGE SCIENCE, *DISSECTION, *LABORATORY TECHNIQUES,
*SECONDARY SCHOOL SCIENCE, ANATOMY, INSTRUCTIONAL MATERIALS,
SKELETAL MOUNTS, SCIENCE ACTIVITIES

91. SE 003 000 02 27 68 06 33 30 1 00 000 002
GERHARD, SHERMAN L.
SHOCK-WAVE CONVERGENCE DEMONSTRATED BY SURFACE WAVES ON WATER

AMERICAN JOURNAL OF PHYSICS

06 00 67 5
*COLLEGE SCIENCE, *PAPERS, *PHYSICS, *SHOCK WAVES, *SCIENCE EQUIPMENT,
*SCIENCE ACTIVITIES, *SCIENCE DEMONSTRATIONS, RIPPLE TANKS

92. SE 002 133 02 07 68 06 23 30 1 00 000 003
GESSER, M. D. AND OTHERS
CAPILLARY TUBE EXPERIMENTS FOR INTRODUCTORY CHEMISTRY LABORATORY

JOURNAL OF CHEMICAL EDUCATION

07 00 67 2
*CHEMISTRY, *COLLEGE SCIENCE, *CAPILLARY TUBES, *LABORATORY EXPERIMENTS, *SCIENCE ACTIVITIES, *SCIENCE EXPERIMENTS, SECONDARY SCHOOL SCIENCE

93. SE 003 005 02 27 68 06 33 38 1 00 000 002
GILL, B. S. AND OTHERS
STRAIN-GAUGE TRANSDUCER FOR FLUCTUATING PRESSURE STUDY

AMERICAN JOURNAL OF PHYSICS

04 00 67 4
*COLLEGE SCIENCE, *PHYSICS, *PRESSURES, *STRAIN GAUGES, *SCIENCE EQUIPMENT, TRANSDUCERS, NATIONAL RESEARCH COUNCIL OF CANADA

94. SE 003 520 06 10 68 17 75 23 2 00 000 190
GLASER, ROBERT AND OTHERS
GENERAL SCIENCE

AUDIOVISUAL COMMUNICATION REVIEW

05 00 61 2
*GENERAL SCIENCE, *INSTRUCTIONAL MATERIALS, *PROGRAMED INSTRUCTION, *PROGRAMED MATERIALS, *SECONDARY SCHOOL SCIENCE, *ELEMENTARY SCHOOL SCIENCE

95. SE 002 847 02 23 68 06 95 38 1 00 000 002
GLASSMAN, D. M.
APPARATUS NOTES - COOL BEAM LAMP PROJECTION SYSTEM

AMERICAN JOURNAL OF PHYSICS

09 00 65 1
AUDIOVISUAL AIDS, *COLLEGE SCIENCE, *CHEMISTRY, GENERAL SCIENCE, LAMPS, *PHYSICS, *PROJECTION LAMPS, *PHYSICAL SCIENCES, PROJECTORS, SCIENCE EQUIPMENT, *SECONDARY SCHOOL SCIENCE

96. SE 002 299 08 24 67 17 12 37 1 06 000 238
GORDON, ALBERT S.
BLOOD CELL PHYSIOLOGY - BSCS PAMPHLET #8

D. C. HEATH AND COMPANY

04 00 63 36
*BIOLOGY, *BLOOD CELLS, *INSTRUCTIONAL MATERIALS, *PHYSIOLOGY, *SECONDARY SCHOOL SCIENCE, AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES, BIOLOGICAL SCIENCES CURRICULUM STUDY

97. SE 002 568 08 13 68 22 20 20 1 00 000 003
GORDON, ARNOLD J.
TEXTBOOK ERRORS, 77 - HALOGENATION AND OLEFINIC NATURE OF CYCLOPROPANE

JOURNAL OF CHEMICAL EDUCATION

08 00 67 4
*CYCLOPROPANE, *CHEMISTRY, *COLLEGE SCIENCE, *INSTRUCTIONAL MATERIALS, *ORGANIC CHEMISTRY, *TEXTBOOKS, *TEXTBOOK EVALUATION, INSTRUCTION, TEXTBOOK ERRORS

98. SE 002 111 09 06 67 06 33 30 1 00 000 009
GOTTLIEB, HERBERT H.
APPARATUS FOR TEACHING PHYSICS

THE PHYSICS TEACHER

05 00 67 2
*COLLEGE SCIENCE, *PHYSICS, *SECONDARY SCHOOL SCIENCE, *SCIENCE EQUIPMENT, *WAVES, EQUIPMENT

99. SE 003 333 08 07 68 06 35 30 1 00 000 009
GOTTLIEB, HERBERT H.
APPARATUS FOR TEACHING PHYSICS

THE PHYSICS TEACHER

10 00 67 3
*PHYSICS, *SECONDARY SCHOOL SCIENCE, *SCIENCE EQUIPMENT, *WAVE MOTION, ELECTRICITY, OPTICS, SCIENCE DEMONSTRATIONS, PHYSICAL SCIENCE STUDY COMMITTEE

100. SE 002 380 07 12 68 10 32 17 2 22 000 319
GRASSELL, EDWARD M.
AN EVALUATION OF EDUCATIONAL FILMS IN THE TEACHING OF HIGH SCHOOL PHYSICS IN OREGON

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

60 169
*COMPARATIVE ANALYSIS, *CONVENTIONAL INSTRUCTION, *FILM EVALUATION, *INSTRUCTIONAL FILMS, *INSTRUCTION, *PHYSICS, *SECONDARY SCHOOL SCIENCE, *TEACHING TECHNIQUES, DOCTORAL THESES, FILMS, RESEARCH REPORTS, WHITE PHYSICS FILM SERIES, 1960

101. SE 002 791 04 04 68 06 15 30 1 00 000 373
GRAY, PETER
MICROTECHNIQUE, PERMANENT WHOLEMOUNTS--A WARD'S CURRICULUM AID

WARD'S NATURAL SCIENCE ESTABLISHMENT, ROCHESTER, NEW YORK

66 8
*BIOLOGY, *COLLEGE SCIENCE, *EQUIPMENT MANUFACTURERS, *LABORATORY TECHNIQUES, *LABORATORY EQUIPMENT, *SCIENCE MATERIALS, *SECONDARY SCHOOL SCIENCE, *ZOOLOGY, BOTANY, ELEMENTARY SCHOOL SCIENCE, INSTRUCTIONAL AIDS, LABORATORY ACTIVITIES, MICROBIOLOGY, SCIENCE ACTIVITIES, WARD'S CURRICULUM AID

102. SE 002 792 04 04 68 06 15 30 1 00 000 373
GRAY, PETER
MICROTECHNIQUE, TEMPORARY WHOLEMOUNTS - A WARD'S CURRICULUM AID

WARD'S NATURAL SCIENCE ESTABLISHMENT, ROCHESTER, NEW YORK

66 8
*BIOLOGY, *COLLEGE SCIENCE, *EQUIPMENT MANUFACTURERS, *LABORATORY TECHNIQUES, *LABORATORY EQUIPMENT, *LABORATORY ACTIVITIES, *MICROBIOLOGY, *SECONDARY SCHOOL SCIENCE, BOTANY, ELEMENTARY SCHOOL SCIENCE, SCIENCE ACTIVITIES, ZOOLOGY, WARD'S CURRICULUM AID

103. SE 002 256 02 07 68 06 92 20 1 00 000 020
GRUVER, WILLIAM J.
CAN YOUR SCHOOL AFFORD THE NEW SCIENCE PROGRAMS?

SCHOOL LIFE

02 00 64 3
*CURRICULUM, *EDUCATIONAL FINANCE, *INSTRUCTIONAL MATERIALS, *SCIENCE EQUIPMENT, *SECONDARY SCHOOL SCIENCE, *SCIENCE MATERIALS, BIOLOGICAL SCIENCES CURRICULUM STUDY, CHEMICAL BOND APPROACH, PHYSICAL SCIENCE STUDY COMMITTEE, EXPENDITURES

104. SE 003 034 03 19 68 06 33 38 1 00 000 002
GUNN, ROSS
THE SYNCHRODROPPER - A VERSATILE TOOL

AMERICAN JOURNAL OF PHYSICS

10 00 65 4
*COLLEGE SCIENCE, *PHYSICS, *SYNCHRODROPPER, *SCIENCE EQUIPMENT, OFFICE OF NAVAL RESEARCH

105. SE 003 834 04 19 68 06 33 30 1 00 000 002
HAGER, NATHANIEL E.
A STUDENT RADIOMETER

AMERICAN JOURNAL OF PHYSICS

02 00 65 5
*COLLEGE SCIENCE, *HEAT, *PHYSICS, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, RADIOMETER

106. SE 002 882 02 26 68 06 33 20 1 00 000 002
HANSON, ROGER J. AND CLOTFELTER, BERYL E.
ANNOUNCEMENTS AND NEWS - EVALUATION OF COMMERCIAL APPARATUS FOR MEASURING H/E

AMERICAN JOURNAL OF PHYSICS

01 00 66 4
*COLLEGE SCIENCE, *EVALUATION, *PHYSICS, *SCIENCE EQUIPMENT, EQUIPMENT EVALUATION, PLANCK'S CONSTANT

107. SE 003 009 02 27 68 06 33 30 1 00 000 002
HARRIS, JOHN
APPARATUS NOTES - SIMPLIFIED AIR PUCK TABLE

AMERICAN JOURNAL OF PHYSICS

05 00 67 2
*COLLEGE SCIENCE, *PHYSICS, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES, FORCE MECHANICS, MOTION, NATIONAL SCIENCE FOUNDATION, AIR PUCK TABLE

108. SE 002 107 07 08 68 10 32 29 2 00 000 009
HARRIS, JOHN
THE LABORATORY IN PROJECT PHYSICS

THE PHYSICS TEACHER

05 00 67 4
*INSTRUCTIONAL MATERIALS, *INSTRUCTION, *SECONDARY SCHOOL SCIENCE, *SCIENCE DEMONSTRATIONS, *SCIENCE EXPERIMENTS, *SCIENCE EQUIPMENT, PHYSICS, PROGRAM DESCRIPTIONS, HARVARD PROJECT PHYSICS

109. SE 003 981 08 08 68 06 33 20 1 00 000 002
HARRIS, JOHN AND OTHERS
TURNTABLE OSCILLATORS

AMERICAN JOURNAL OF PHYSICS

11 00 67 5
*COLLEGE SCIENCE, *OSCILLATORS, *PHYSICAL SCIENCES, *PHYSICS, *SCIENCE EQUIPMENT, *SCIENCE DEMONSTRATIONS, *UNDERGRADUATE STUDY, MECHANICAL OSCILLATORS, AAPT APPARATUS COMPETITION

110. SE 003 753 08 13 68 17 32 11 2 21 000 336
HARVARD PROJECT PHYSICS
UNIT 1 - PHYSICS READER

HARVARD PROJECT PHYSICS

66 141
*INSTRUCTIONAL MATERIALS, *MECHANICS, *PHYSICS, *SECONDARY SCHOOL SCIENCE, *SUPPLEMENTARY READING MATERIALS, TEXTBOOKS, CARNEGIE CORPORATION OF NEW YORK, NATIONAL SCIENCE FOUNDATION, SLOAN FOUNDATION, UNITED STATES OFFICE OF EDUCATION, HARVARD PROJECT PHYSICS

111. SE 003 754 08 14 68 17 32 11 2 21 000 336
HARVARD PROJECT PHYSICS
UNIT 2 - AN INTRODUCTION TO PHYSICS

HARVARD PROJECT PHYSICS

65 84
*ASTRONOMY, *INSTRUCTIONAL MATERIALS, *MECHANICS, *PHYSICS, *SECONDARY SCHOOL SCIENCE, TEXTBOOKS, CARNEGIE CORPORATION OF NEW YORK, NATIONAL SCIENCE FOUNDATION, SLOAN FOUNDATION, UNITED STATES OFFICE OF EDUCATION, HARVARD PROJECT PHYSICS

112. SE 003 752 08 13 68 17 32 11 2 21 000 336
HARVARD PROJECT PHYSICS
UNIT 2 - PHYSICS READER

HARVARD PROJECT PHYSICS

66 170
*ASTRONOMY, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL SCIENCE, *SUPPLEMENTARY READING MATERIALS, MECHANICS *PHYSICS, TEXTBOOKS, CARNEGIE CORPORATION OF NEW YORK, NATIONAL SCIENCE FOUNDATION, SLOAN FOUNDATION, UNITED STATES OFFICE OF EDUCATION, HARVARD PROJECT PHYSICS

113. SE 003 761 08 14 68 17 32 11 2 21 000 336
HARVARD PROJECT PHYSICS
UNIT 5 - AN INTRODUCTION TO PHYSICS

HARVARD PROJECT PHYSICS

65 115
*ATOMIC THEORY, *INSTRUCTIONAL MATERIALS, *NUCLEAR PHYSICS, *PHYSICS, *SECONDARY SCHOOL SCIENCE, ATOMIC STRUCTURE, TEXTBOOKS, CARNEGIE CORPORATION OF NEW YORK, NATIONAL SCIENCE FOUNDATION, SLOAN FOUNDATION, UNITED STATES OFFICE OF EDUCATION, HARVARD PROJECT PHYSICS

114. SE 003 890 08 14 68 17 32 11 2 21 000 336
HARVARD PROJECT PHYSICS
VELOCITY AND ACCELERATION

HARVARD PROJECT PHYSICS

65 89
*ACCELERATION, *CURRICULUM DEVELOPMENT, *INSTRUCTIONAL MATERIALS, *MOTION, *PROGRAMED INSTRUCTION, *PHYSICS, *SECONDARY SCHOOL PHYSICS, VELOCITY, TEXTBOOKS

115. SE 002 864 02 23 68 06 33 30 1 00 000 002
HASKINS, J. R.
ADVANCED MOSSBAUER-EFFECT EXPERIMENTS

AMERICAN JOURNAL OF PHYSICS

08 00 65 11
*COLLEGE SCIENCE, *MOSSBAUER EFFECTS, *PHYSICS, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, *SCIENCE EXPERIMENTS, AAPT-AIP CENTER FOR EDUCATIONAL APPARATUS, NATIONAL SCIENCE FOUNDATION

116. SE 002 612 10 11 67 06 23 38 1 00 000 003
HELLO, O.
A SEALED STIRRING MECHANISM

JOURNAL OF CHEMICAL EDUCATION

01 00 67 1
*COLLEGE SCIENCE, *CHEMISTRY, *SCIENCE EQUIPMENT, STIRRING MECHANISMS, SEALED STIRRING MECHANISM

117. SE 003 187 03 07 68 02 12 17 2 22 000 319
HENDERSON, ALEXANDER, JR.
AN INVESTIGATION OF THE INTEREST OF SECONDARY SCHOOL PUPILS, PARENTS, AND TEACHERS IN PHYSIOLOGY

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

57 255
*BIOLOGY, *CURRICULUM DEVELOPMENT, *INSTRUCTIONAL MATERIALS, *PHYSIOLOGY, *RESEARCH REPORTS, *SEX EDUCATION, *SECONDARY SCHOOL SCIENCE, *STUDENT INTERESTS, *PARENT ATTITUDES, *TEACHER ATTITUDES, DOCTORAL THESES, FEMALES, MALES, 1957

118. SE 002 550 08 07 68 06 33 38 1 00 000 002
HENSHAW, CLEMENT L. AND LLOYD, JAMES N.
TWO MODIFICATIONS OF THE WELCH CENTRAL FORCE APPARATUS

AMERICAN JOURNAL OF PHYSICS

10 00 66 2
*COLLEGE SCIENCE, *LABORATORY TECHNIQUES, *LABORATORY PROCEDURES, *MECHANICS, *PHYSICS, *SCIENCE EQUIPMENT, WELCH CENTRAL FORCE APPARATUS

119. SE 003 866 08 07 68 06 25 20 2 00 000 003
HIRSCH, ROLAND F.
MODERN LABORATORY BALANCES

JOURNAL OF CHEMICAL EDUCATION

12 00 67 25
*BALANCES, *CHEMISTRY, *INSTRUMENTATION, *LABORATORY EQUIPMENT, *PHYSICS, *SCIENCE EQUIPMENT, ANALYTICAL BALANCES

120. SE 002 689 02 22 68 06 23 40 1 00 000 003
HOLLAHAN, JOHN R.
TOPICS IN . . . . CHEMICAL INSTRUMENTATION - XXVII. ANALYTICAL APPLICATIONS OF ELECTRODELESSLY DISCHARGED GASES

JOURNAL OF CHEMICAL EDUCATION

05 00 66 10
*COLLEGE SCIENCE, *CHEMISTRY, *ELECTRODELESSLY DISCHARGED GASES, *INSTRUMENTATION, *PHYSICAL CHEMISTRY, *RESEARCH, *SCIENCE EQUIPMENT, ANALYTICAL CHEMISTRY, ACTIVE GASES, LOW TEMPERATURE OXIDATIONS, RESEARCH PROCEDURES

121. SE 002 889 02 26 68 06 33 30 1 00 000 002
HOOD, JAMES D.
ELECTRIC SHOCK-TUBE EXPERIMENT

AMERICAN JOURNAL OF PHYSICS

02 00 66 3
*COLLEGE SCIENCE, *PLASMA PHYSICS, *PHYSICS, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES, HIGH ENERGY PLASMA, SHOCK TUBES, OSCILLOSCOPES

122. SE 002 286 08 24 67 17 12 37 1 06 000 238
HUNGATE, R. E.
CELLULOSE IN ANIMAL NUTRITION - BSCS PAMPHLET #22

D. C. HEATH AND COMPANY

65 36
*ANIMALS, *BIOLOGY, *INSTRUCTIONAL MATERIALS, *NUTRITION, *SECONDARY SCHOOL SCIENCE, *ZOOLOGY, BIOCHEMISTRY, AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES, BIOLOGICAL SCIENCES CURRICULUM STUDY

123. SE 002 667 03 06 68 06 33 20 1 00 000 002
HUPERT, JULIUS J. AND OTT, GARY
ELECTROMAGNETIC ANALOG OF THE QUANTUM-MECHANICAL TUNNEL EFFECT

AMERICAN JOURNAL OF PHYSICS

03 00 66 6
*COLLEGE SCIENCE, *PHYSICS, *QUANTUM MECHANICS, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, SCIENCE DEMONSTRATIONS

124. SE 002 985 08 13 68 17 52 15 2 00 000 223
HUTCHINSON, JOHN S.
DESIGNS OF THE COSMOS - A COURSE OF STUDY BY PHYSICAL SCIENCE CURRICULUM COMMITTEE

HOLT, RINEHART AND WINSTON

65 206
*COURSE OBJECTIVES, *COLLEGE BOUND STUDENTS, *INSTRUCTIONAL MATERIALS, *PHYSICAL SCIENCES, *SECONDARY SCHOOL SCIENCE, *SCIENCE ACTIVITIES, *TEACHING TECHNIQUES, ABLE STUDENTS, INSTRUCTION, SCIENCE EQUIPMENT, SCIENCE EXPERIMENTS, SCIENCE DEMONSTRATIONS, TEACHING GUIDES, OREGON, PORTLAND

125. SE 003 397 09 09 68 18 15 30 1 00 000 014
HYER, JAMES E.
INSECTS IN THE CLASSROOM

THE GRADE TEACHER

09 00 59 3
*ELEMENTARY SCHOOL SCIENCE, *INSECTS, *SCIENCE MATERIALS, *SECONDARY SCHOOL SCIENCE, ENTOMOLOGY, SCIENCE ACTIVITIES, SCIENCE EQUIPMENT

126. SE 003 093 02 27 68 06 33 30 1 00 000 002
JEFFERS, FRED AND SOULES, JACK A.
QUANTITATIVE EXPERIMENTS IN ELECTROSTATICS FOR THE ELEMENTARY LABORATORY

AMERICAN JOURNAL OF PHYSICS

03 00 67 6
*COLLEGE SCIENCE, *ELECTROSTATICS, *PHYSICS, *SCIENCE ACTIVITIES, *SCIENCE EXPERIMENTS, *SCIENCE EQUIPMENT, ELECTROSTATIC FIELDS, HUMIDITY, HIGH VOLTAGE SOURCE EQUIPMENT, VOLTMETERS

127. SE 002 996 11 08 67 06 33 38 1 00 000 002
JEONG, TUNG H.
APPARATUS NOTES - URANIUM HYDRITE GETTER FOR NOBLE-GAS LASERS

AMERICAN JOURNAL OF PHYSICS

06 00 67 1
*COLLEGE SCIENCE, *LASERS, *PHYSICS, *SCIENCE EQUIPMENT, NOBLE GAS
LASERS, SPARK TIMERS, URANIUM HYDRITE

128. SE 002 569 08 07 68 06 23 38 1 00 000 003
JOHNSON, B. J.
TECHNIQUES FOR INTERNAL DISTILLATION-CONDENSATION

JOURNAL OF CHEMICAL EDUCATION

08 00 67 2
*CHEMISTRY, *COLLEGE SCIENCE, *LABORATORY TECHNIQUES, *LABORATORY
PROCEDURES, *SCIENCE EQUIPMENT, DISTILLATION, CONDENSATION, SCIENCE
MATERIALS, SCIENCE EXPERIMENTS

129. SE 003 716 03 04 68 06 95 17 3 51 000 280
JOHNSON, CARL S. AND DAMBACH, CHARLES A.
CONSERVATION-MATERIALS CONSERVATION - A SURVEY OF PRINTED
MATERIALS FOR CONSERVATION EDUCATION

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, OFFICE OF EDUCATION,
COOPERATIVE RESEARCH PROJECT

66 283
*CONSERVATION EDUCATION, *INSTRUCTIONAL MATERIALS, ADULT EDUCATION,
BIOLOGY, COLLEGE SCIENCE, EARTH SCIENCE, ELEMENTARY SCHOOL SCIENCE,
EVALUATION, NATURAL RESOURCES, READABILITY, REFERENCE MATERIALS,
SCIENCE MATERIALS, SECONDARY SCHOOL SCIENCE, UNITED STATES OFFICE
OF EDUCATION, RESEARCH REPORTS

130. SE 002 035 11 14 67 17 12 17 2 22 000 319
JONES, NORMA LOUISE
A STUDY OF THE LIBRARY BOOK COLLECTIONS IN THE BIOLOGICAL SCIENCES
IN FIFTY-FOUR MICHIGAN HIGH SCHOOLS ACCREDITED BY THE NORTH
CENTRAL ASSOCIATION OF COLLEGES AND SECONDARY SCHOOLS
UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

65 660
*BIOLOGY, *BOOK COLLECTIONS, *DOCTORAL THESES, *LIBRARY MATERIALS,
*RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, *SCHOOL LIBRARIES,
BOOK LISTS, MICHIGAN, TITLE III, LIBRARIES, NATIONAL DEFENSE EDUCATION
ACT

131. SE 002 916 03 06 68 10 33 17 1 00 000 002
JOSEPH, ALEXANDER
PROCEEDINGS - A SEVEN YEAR EXPERIMENT IN PROGRAMMED INSTRUCTION IN FRESHMAN LEVEL PHYSICS

AMERICAN JOURNAL OF PHYSICS

07 00 67 1
*COLLEGE SCIENCE, *INSTRUCTIONAL MATERIALS, *PHYSICS, *PROGRAMED INSTRUCTION, *RESEARCH REPORTS, CURRICULUM DEVELOPMENT, 1965

132. SE 002 737 03 19 68 06 23 38 1 00 000 003
KAHN, HERBERT L.
TOPICS IN CHEMICAL INSTRUMENTATION - INSTRUMENTATION FOR ATOMIC ABSORPTION - PART 2

JOURNAL OF CHEMICAL EDUCATION

02 00 67 15
*ATOMIC ABSORPTION, *COLLEGE SCIENCE, *CHEMISTRY, *INSTRUMENTATION, *SCIENCE EQUIPMENT

133. SE 002 560 10 11 67 06 33 30 1 00 000 002
KANKELEIT, E.
SIMPLE MOSSBAUER SPECTROMETER USING X-RAY FILM

AMERICAN JOURNAL OF PHYSICS

09 00 66 2
*COLLEGE SCIENCE, *MOSSBAUER SPECTROMETERS, *PHYSICS, *SCIENCE EQUIPMENT, SPECTROMETERS, ATOMIC ENERGY COMMISSION

134. SE 002 881 02 26 68 06 33 38 1 00 000 002
KAYLOR, HOYT M.
ANNOUNCEMENTS AND NEWS - AN EVALUATION OF THE BARNES ENGINEERING COMPANY MODEL ES-100 EDUCATIONAL SPECTROMETER

AMERICAN JOURNAL OF PHYSICS

01 00 66 2
*COLLEGE SCIENCE, *EVALUATION, *INSTRUMENTATION, *PHYSICS, *SCIENCE EQUIPMENT, *SPECTROMETER, EQUIPMENT EVALUATION, BARNES ENGINEERING COMPANY

135. SE 003 518 08 13 68 17 95 31 2 00 000 190
KEISLAR, EVAN
PHYSICS

AUDIOVISUAL COMMUNICATION REVIEW

05 00 61 7
*AUTOINSTRUCTIONAL AIDS, *ELEMENTARY SCHOOL SCIENCE, *ELECTRICITY, *INSTRUCTIONAL MATERIALS, *PROGRAMED INSTRUCTION, *PHYSICS, *SECONDARY SCHOOL SCIENCE, AUDIOVISUAL AIDS, AUDIOVISUAL MATERIALS, GRADE 1, PHYSICAL SCIENCES

136. SE 002 858 03 06 68 06 33 30 2 00 000 002
KENDALL, B. R. F. AND LUTHER H. M.
APPARATUS FOR TEACHING AND RESEARCH IN ELECTRON PHYSICS

AMERICAN JOURNAL OF PHYSICS

07 00 66 7
*COLLEGE SCIENCE, *PHYSICS, *RESEARCH, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, ELECTRONS, IONS

137. SE 003 492 09 10 68 17 12 36 1 00 000 001
KENNEDY, MANERT
BIOLOGICAL SCIENCES CURRICULUM STUDY SINGLE TOPIC FILMS

THE AMERICAN BIOLOGY TEACHER

10 00 67 5
*BIOLOGY, *INSTRUCTIONAL MATERIALS, *SINGLE CONCEPT FILMS, *SECONDARY SCHOOL SCIENCE, AUDIOVISUAL AIDS, FILMS, BIOLOGICAL SCIENCES CURRICULUM STUDY

138. SE 002 094 09 18 67 06 32 38 1 00 000 009
KETNER, JARED A.
AN INEXPENSIVE DIFFUSION CLOUD CHAMBER

THE PHYSICS TEACHER

09 00 65 1
*CLOUD CHAMBERS, *SCIENCE EQUIPMENT, *SECONDARY SCHOOL SCIENCE, NUCLEAR PHYSICS, PHYSICS, SCIENCE ACTIVITIES

139. SE 002 735 03 19 68 06 23 38 1 00 000 003
KIMBROUGH, RAYMOND D., JR.
LABORATORY OPERATIONS IN AN INERT ATMOSPHERE WITHOUT A DRY BOX

JOURNAL OF CHEMICAL EDUCATION

02 00 67 2
*COLLEGE SCIENCE, *CHEMISTRY, *INERT ATMOSPHERE, *LABORATORY TECHNIQUES, *ORGANIC CHEMISTRY, *SCIENCE EQUIPMENT

140. SE 003 547 03 20 68 06 92 20 1 00 000 006
KOELSCHE, CHARLES L.
FACILITIES AND EQUIPMENT AVAILABLE FOR TEACHING SCIENCE IN PUBLIC HIGH SCHOOLS, 1958-59

SCIENCE EDUCATION

10 00 61 8
*BIOLOGY, *CHEMISTRY, *GENERAL SCIENCE, *PHYSICS, *SECONDARY SCHOOL SCIENCE, *SCIENCE EQUIPMENT, *SCIENCE FACILITIES, NATIONAL ASSOCIATION FOR RESEARCH IN SCIENCE TEACHING, 1960

141. SE 002 581 08 07 68 06 23 38 1 00 000 003
LAL, SUDARSHAN AND SRIVASTAVA, S. N.
DETECTION OF MERCURY (I) AND MERCURY (II) IN THE PRESENCE OF EACH OTHER

JOURNAL OF CHEMICAL EDUCATION

08 00 67 1
*ANALYTICAL REAGENTS, *COLLEGE SCIENCE, *CHEMISTRY, *LABORATORY TECHNIQUES, *QUALITATIVE ANALYSIS, *SCIENCE MATERIALS, *SCIENCE EXPERIMENTS, *SCIENCE ACTIVITIES, ANALYTICAL CHEMISTRY, MERCURY

142. SE 002 580 08 07 68 06 23 38 1 00 000 003
LAL, SUDARSHAN AND SRIVASTAVA, S. N.
REAGENTS FOR ANALYSIS OF IRON (II) - IRON (III)

JOURNAL OF CHEMICAL EDUCATION

08 00 67 1
*ANALYTICAL REAGENTS, *COLLEGE SCIENCE, *LABORATORY TECHNIQUES, *QUALITATIVE ANALYSIS, *SCIENCE MATERIALS, *SCIENCE ACTIVITIES, ANALYTICAL CHEMISTRY, SCIENCE EXPERIMENTS, IRON

143. SE 002 579 09 10 68 06 23 38 1 00 000 003
LAL, SUDARSHAN AND SRIVASTAVA, S. N.
SOME ANALYTICAL REAGENTS FOR TIN (II) TIN (IV) MIXTURES

JOURNAL OF CHEMICAL EDUCATION

08 00 67 1
*ANALYTICAL REAGENTS, *COLLEGE SCIENCE, *LABORATORY TECHNIQUES, *QUALITATIVE ANALYSIS, *SCIENCE MATERIALS, *CHEMISTRY, SCIENCE ACTIVITIES, TIN

144. SE 002 161 03 08 68 06 12 18 1 00 000 062
LANGE, CLARENCE T.
COMPACT KIT FOR BIOLOGY

SCHOOL AND COMMUNITY

10 00 60 2
*BIOLOGY, *SECONDARY SCHOOL SCIENCE, *SCIENCE EQUIPMENT, MICROBIOLOGY, SCIENCE KITS, SCIENCE MATERIALS

145. SE 003 814 06 07 68 17 12 17 3 51 000 279
LEE, ADDISON E.
THE DEVELOPMENT OF NEW SUPPLEMENTARY TEACHING MATERIALS AND AN ANALYSIS OF THEIR POTENTIAL USE IN THE HIGH SCHOOL BIOLOGY CURRICULUM
EDRS, NATIONAL CASH REGISTER COMPANY

08 00 66 10
*BIOLOGY, *INSTRUCTION, *INSTRUCTIONAL MATERIALS, *SCIENCE ACTIVITIES, *SECONDARY SCHOOL SCIENCE, AUDIOVISUAL AIDS, INQUIRY TRAINING, RESEARCH REPORTS, SCIENCE MATERIALS, TEACHING GUIDES, TEACHING TECHNIQUES, BR 5-8449, UNITED STATES DEPARTMENT OF HEALTH, EDUCATION AND WELFARE, OE 6-10-171, PROJECT NUMBER 5-451. BIOLOGICAL SCIENCES CURRICULUM STUDY, PROCESSES OF SCIENCE TEST, DIFFERENTIAL APTITUDE TESTS, BSCS COMPREHENSIVE FINAL EXAMS, HOUSTON, TEXAS, 1966

146. SE 003 978 08 08 68 06 32 20 1 00 000 002
LEITNER, ALFRED
VIBRATIONS OF A CURRICULAR MEMBRANE

AMERICAN JOURNAL OF PHYSICS

11 00 67 3
*COLLEGE SCIENCE, *PHYSICS, *SCIENCE EQUIPMENT, *SCIENCE DEMONSTRATIONS, *SECONDARY SCHOOL SCIENCE, *WAVE MOTION, AAPT APPARATUS COMPETITION

147. SE 003 924 08 14 68 17 52 11 2 00 000 458
LEVINGER, JOSEPH S.
SECRETS OF THE NUCLEUS

SCHOLASTIC BOOK SERVICES

09 00 67 128
*ATOMIC STRUCTURE, *ATOMIC THEORY, *INSTRUCTIONAL MATERIALS, *NUCLEAR PHYSICS, *PHYSICAL SCIENCES, *SECONDARY SCHOOL SCIENCE, COLLEGE SCIENCE, PHYSICS, RESOURCE MATERIALS

148. SE 003 984 09 13 68 06 33 20 1 00 000 002
LI SEUNG-PING AND FENG, SHIH-YU
PRECISION MEASUREMENT OF THE PERIOD OF A PENDULUM USING AN OSCILLOSCOPE

AMERICAN JOURNAL OF PHYSICS

11 00 67 5
*COLLEGE SCIENCE, *INSTRUMENTATION, *MECHANICS, *MEASUREMENT *PHYSICAL SCIENCES, *PHYSICS, *SCIENCE EXPERIMENTS, *SCIENCE EQUIPMENT, OSCILLOSCOPES, CHINESE UNIVERSITY, HONG KONG

149. SE 003 020 11 08 67 06 33 38 1 00 000 002
LINDSAY, RICHARD H. AND OTHERS
RUTHERFORD SCATTERING APPARATUS FOR LABORATORY AND LECTURE DEMONSTRATION

AMERICAN JOURNAL OF PHYSICS

12 00 65 6
*COLLEGE SCIENCE, *SCIENCE DEMONSTRATIONS, *PHYSICS, *RUTHERFORD SCATTERING APPARATUS, RADIOACTIVITY, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES, LABORATORY DEMONSTRATIONS, LECTURE DEMONSTRATIONS, NUCLEAR PHYSICS

150. SE 002 935 07 08 68 17 15 03 1 00 000 199
LITTLE, ELBERT L., JR.
BIBLIOGRAPHY - TREES AND SHRUBS OF THE UNITED STATES (IDENTIFICATION)

BIOSCIENCE

11 00 65 2
*BOTANY, *BIBLIOGRAPHIES, *DENDROLOGY, *INSTRUCTIONAL MATERIALS, *IDENTIFICATION KEYS, *RESOURCE MATERIALS, *TAXONOMY, BIOLOGY, COLLEGE SCIENCE, ELEMENTARY SCHOOL SCIENCE, SECONDARY SCHOOL SCIENCE

151. SE 002 755 03 19 68 06 23 38 1 00 000 003
LOTT, PETER F. AND MILLICH, FRANK
TOPICS IN CHEMICAL INSTRUMENTATION - INSTRUMENTATION FOR OSMOMETRY (CONTINUED)

JOURNAL OF CHEMICAL EDUCATION

04 00 66 11
*COLLEGE SCIENCE, *CHEMISTRY, *INSTRUMENTATION, *LABORATORY TECHNIQUES, *OSMOMETRY, *SCIENCE EQUIPMENT, INSTRUCTION, OSMOTIC PRESSURE, MEASUREMENT

152. SE 002 656 02 21 68 06 33 30 1 00 000 002
LOWE, I. J. AND WHITSON, D.
SIMPLE PULSED NUCLEAR-MAGNETIC RESONANCES SPECTROMETER

AMERICAN JOURNAL OF PHYSICS

04 00 66 4
*COLLEGE SCIENCE, *MODERN PHYSICS, *NUCLEAR-MAGNETIC RESONANCE, *PHYSICS, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, *SCIENCE EXPERIMENTS, *SPECTROMETER, MAGNETIC RESONANCE, UNITED STATES AIR FORCE OFFICE OF SCIENTIFIC RESEARCH, UNITED STATES ATOMIC ENERGY COMMISSION

153. SE 003 015 03 21 68 17 33 03 2 00 000 002
LUFBURROW, ROBERT A.
BOOKS MOST OFTEN RECOMMENDED BY TEXTBOOK WRITERS

AMERICAN JOURNAL OF PHYSICS

12 00 65 4
*BIBLIOGRAPHIES, *COLLEGE SCIENCE, *PHYSICS, REFERENCE BOOKS,
REFERENCE MATERIALS

154. SE 003 848 04 30 68 17 13 17 1 00 000 006
MAJOR, ALEXANDER G. AND COLLETTE, ALFRED T.
THE READABILITY OF COLLEGE GENERAL BIOLOGY TEXTBOOKS

SCIENCE EDUCATION

04 00 61 9
*BIOLOGY, *COLLEGE SCIENCE, *GENERAL EDUCATION, *INSTRUCTIONAL
MATERIALS, *READABILITY, *TEXTBOOKS, RESEARCH REPORTS

155. SE 003 455 08 07 68 06 33 20 1 00 000 002
MANCHESTER, F. D.
SIMPLE DOPPLER-SHIFT APPARATUS USING MICROWAVES

AMERICAN JOURNAL OF PHYSICS

06 00 65 2
*COLLEGE SCIENCE, *PHYSICAL SCIENCES, *UNDERGRADUATE STUDY,
MICROWAVES, SCIENCE EQUIPMENT, SCIENCE ACTIVITIES, SCIENCE
DEMONSTRATIONS, DOPPLER SHIFT

156. SE 003 195 07 10 68 21 22 17 2 22 000 319
MANGERY, PETER WILLIAM
AN ANALYSIS OF CHEMISTRY TEXTBOOKS USED IN THE AMERICAN SECONDARY SCHOOLS BEFORE 1890

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

59 302
*CHEMISTRY, *SECONDARY SCHOOL SCIENCE, *SCIENCE EDUCATION HISTORY,
*TEXTBOOKS, *TEXTBOOK EVALUATION, DOCTORAL THESES, INSTRUCTIONAL
MATERIALS, RESEARCH REPORTS, SCIENCE ACTIVITIES, TEXTBOOK
ORGANIZATION

157. SE 002 454 08 07 68 06 33 33 2 00 000 370
MARCLEY, ROBERT G.
APPARATUS DRAWINGS PROJECT

PLENUM PRESS

62 290
*CONSTRUCTION COSTS, *CONSTRUCTION (PROCESS), *LABORATORY EQUIPMENT, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, EQUIPMENT GUIDES,
ELECTRONICS, PHYSICS, AMERICAN ASSOCIATION OF PHYSICS TEACHERS,
AMERICAN INSTITUTE OF PHYSICS, NATIONAL SCIENCE FOUNDATION

158. SE 003 721 09 18 68 17 09 11 2 20 000 452
MARYLAND UNIVERSITY MATHEMATICS PROJECT
MATHEMATICS FOR THE JUNIOR HIGH SCHOOL, BOOK I

MARYLAND UNIVERSITY MATHEMATICS PROJECT

59 289
*ALGEBRA, *CURRICULUM, *CURRICULUM DEVELOPMENT, *GEOMETRY, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, MODERN MATHEMATICS, NUMBER SYSTEMS, UNIVERSITY OF MARYLAND MATHEMATICS PROJECT, CARNEGIE CORPORATION, SCHOOL MATHEMATICS STUDY GROUP, NATIONAL SCIENCE FOUNDATION, 1959

159. SE 003 720 09 18 68 17 09 11 2 20 000 452
MARYLAND UNIVERSITY MATHEMATICS PROJECT
MATHEMATICS FOR THE JUNIOR HIGH SCHOOL, BOOK II

MARYLAND UNIVERSITY MATHEMATICS PROJECT

61 351
*ALGEBRA, *CURRICULUM, *CURRICULUM DEVELOPMENT, *GEOMETRY, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, MODERN MATHEMATICS, NUMBER SYSTEMS, UNIVERSITY OF MARYLAND MATHEMATICS PROJECT, CARNEGIE CORPORATION, SCHOOL MATHEMATICS STUDY GROUP, NATIONAL SCIENCE FOUNDATION, 1961

160. SE 003 488 09 10 68 18 12 38 1 00 000 001
MASTERS, CHARLES O.
REQUIREMENTS FOR THE CULTURING OF SEA ANIMALS

THE AMERICAN BIOLOGY TEACHER

10 00 67 4
*BIOLOGY, *LABORATORY TECHNIQUES, *OCEANOLOGY, *SCIENCE MATERIALS, *SECONDARY SCHOOL SCIENCE, COLLEGE SCIENCE, MARINE BIOLOGY, ZOOLOGY

161. SE 002 796 06 06 68 06 45 14 3 00 000 207
MATTHEWS, WILLIAM H., III
PLANETARIUMS, OBSERVATORIES AND EARTH SCIENCE EXHIBITS

PRENTICE-HALL, INC.

03 00 65 3
*DIRECTORIES, *EARTH SCIENCE, *EXHIBITS, *ELEMENTARY SCHOOL SCIENCE, *SCIENCE FACILITIES, *SECONDARY SCHOOL SCIENCE, MUSEUMS, PHYSICAL SCIENCES, UNITED STATES, CANADA, EARTH SCIENCE CURRICULUM PROJECT

162. SE 002 732 04 03 68 06 25 38 1 00 000 003
MATUSZAK, CHARLES A. AND MATUSZAK, ALICE JEAN
READILY AVAILABLE ANHYDROUS ETHER SOLUTIONS OF HYDROGEN CHLORIDE

JOURNAL OF CHEMICAL EDUCATION

02 00 67 1
*CHEMISTRY, *INSTRUCTIONAL MATERIALS, COLLEGE SCIENCE, ORGANIC
CHEMISTRY, SECONDARY SCHOOL SCIENCE, SCIENCE MATERIALS, TEACHING
TECHNIQUES, HYDROGEN CHLORIDE

163. SE 002 285 08 24 67 17 12 37 2 06 000 238
MAYER, WILLIAM V.
HIBERNATION - BSCS PAMPHLET #19

D. C. HEATH AND COMPANY

64 40
*ANIMAL BEHAVIOR, *BIOLOGY, *HIBERNATION, *INSTRUCTIONAL MATERIALS,
*SECONDARY SCHOOL SCIENCE, *ZOOLOGY, ANIMALS, AMERICAN INSTITUTE
OF BIOLOGICAL SCIENCES, BIOLOGICAL SCIENCES CURRICULUM STUDY

164. SE 002 293 08 24 67 17 12 37 1 06 00 238
MAZIA, DANIEL
CELL DIVISION - BSCS PAMPHLET #14

D. C. HEATH AND COMPANY

64 33
*BIOLOGY, *CELL DIVISION, *INSTRUCTIONAL MATERIALS, *MITOSIS,
*SECONDARY SCHOOL SCIENCE, AMERICAN INSTITUTE OF BIOLOGICAL
SCIENCES, BIOLOGICAL SCIENCES CURRICULUM STUDY

165. SE 002 846 11 14 67 06 33 38 1 00 000 002
MEINERS, H. F.
APPARATUS NOTES - ACCELERATED COORDINATE SYSTEM

AMERICAN JOURNAL OF PHYSICS

09 00 65 2
*ACCELERATION, *COLLEGE SCIENCE, *ELECTRIC SPRING BALANCES,
*PHYSICS, *SCIENCE EQUIPMENT, *SECONDARY SCHOOL SCIENCE, *MECHANICS

166. SE 002 888 02 26 68 06 33 30 1 00 000 002
MEYER, RUSSELL G.
CESIUM-DIOSE THERMIONIC CONVERTER FOR LABORATORY EXPERIMENTS

AMERICAN JOURNAL OF PHYSICS

02 00 66 5
*COLLEGE SCIENCE, *PHYSICS, *PLASMA PHYSICS, *SCIENCE ACTIVITIES,
*THERMIONIC CONVERTERS, CESIUM DIODE, PLASMA THERMOCOUPLES,
SCIENCE EQUIPMENT

167. SE 002 303 08 24 67 17 12 37 1 06 000 238
MEYERRIECKS, ANDREW J.
COURTSHIP IN ANIMALS - BSCS PAMPHLET # 3

D. C. HEATH AND COMPANY

11 00 62 35
*ANIMAL BEHAVIOR, *BIOLOGY, *COURTSHIP, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL SCIENCE, *ZOOLOGY, ANIMALS, AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES, BIOLOGICAL SCIENCES CURRICULUM STUDY

168. SE 002 583 08 07 68 06 23 30 1 00 000 003
MIDGLEY, CALVIN P.
SODIUM SILICATE BEAD TESTS IN QUALITATIVE ANALYSIS

JOURNAL OF CHEMICAL EDUCATION

08 00 67 1
*CHEMISTRY, *COLLEGE SCIENCE, *LABORATORY TECHNIQUES, *LABORATORY PROCEDURES, *SCIENCE EXPERIMENTS, *SCIENCE ACTIVITIES, QUALITATIVE ANALYSIS, SCIENCE MATERIALS, SODIUM SILICATE BEAD TESTS

169. SE 003 387 08 13 68 17 81 38 1 00 000 014
MILGROM, HARRY
SCIENCE QUERY OF THE MONTH

THE GRADE TEACHER

01 00 60 1
*ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, *SCIENCE MATERIALS, *INSTRUCTIONAL AIDS, FILMS, FILMSTRIPS, GLOBES, MODELS, PICTURES, RECORDINGS

170. SE 003 032 02 27 68 17 33 20 1 00 000 002
MILLER, FRANKLIN, JR.
SINGLE-CONCEPT FILMS IN PHYSICS

AMERICAN JOURNAL OF PHYSICS

10 00 65 7
*AUDIOVISUAL AIDS, *COLLEGE SCIENCE, *INSTRUCTIONAL MATERIALS, *PHYSICS, *SINGLE CONCEPT FILMS, FILMS, PROJECTION EQUIPMENT

171. SE 002 290 08 24 67 17 12 37 1 06 000 238
MILLER, J. MORTON
BIOLOGY OF TERMITES

D. C. HEATH AND COMPANY

64 36
*BIOLOGY, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL SCIENCE, *TERMITES, ANIMALS, TEACHER RESOURCE MATERIALS, ZOOLOGY, AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES, BIOLOGICAL SCIENCES CURRICULUM STUDY, INSECTS

172. SE 002 291 08 24 67 17 12 37 1 06 000 238
MILNE, LORUS J. AND MILNE, MARGERY
GROWTH AND AGE - BSCS PAMPHLET #16

D. C. HEATH AND COMPANY

64 36
*ANIMAL DEVELOPMENT, *BIOLOGY, *HUMAN DEVELOPMENT, *INSTRUCTIONAL MATERIALS, *PLANT DEVELOPMENT, *SECONDARY SCHOOL SCIENCE, AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES, BIOLOGICAL SCIENCES CURRICULUM STUDY

173. SE 002 938 07 08 68 06 95 38 1 00 000 199
MOLLRING, FRIEDRICH KARL
METHODS OF OPTICAL ADAPTATION OF THE MOVIE CAMERA TO THE MICROSCOPE

BIOSCIENCE

12 00 65 4
*MICROSCOPE, *PHOTOGRAPHY, *SCIENCE EQUIPMENT, BIOLOGY, COLLEGE SCIENCE, PHYSICAL SCIENCES, SECONDARY SCHOOL SCIENCE

174. SE 002 620 09 18 67 06 81 33 1 00 000 010
MOLYNEUX, MARJORIE B.
CHOOSING ELEMENTARY SCIENCE EQUIPMENT

SCIENCE AND CHILDREN

02 00 67 2
*AUDIOVISUAL AIDS, *ELEMENTARY SCHOOL SCIENCE, *LABORATORY EQUIPMENT, *SCIENCE EQUIPMENT, *TEACHER RESOURCE MATERIALS, ANIMAL CAGES, LABORATORY MATERIALS, MICROSCOPES, SCIENCE KITS, SCIENCE FACILITIES

175. SE 002 307 09 22 67 17 12 10 2 06 000 238
MOOG, FLORENCE
ANIMAL GROWTH AND DEVELOPMENT - BSCS LABORATORY BLOCK

D. C. HEATH AND COMPANY

04 00 65 83
*ANIMAL GROWTH, *ANIMAL DEVELOPMENT, *BIOLOGY, *INSTRUCTIONAL MATERIALS, *LABORATORY MANUALS, *SECONDARY SCHOOL SCIENCE, ANIMALS, EXPERIMENTS,ZOOLOGY, BIOLOGICAL SCIENCES CURRICULUM STUDY, AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES

176. SE 002 040 11 09 67 17 22 17 2 22 000 319
MORGAN, ASHLEY G., JR.
AN INVESTIGATION AND COMPARISON OF THE VOCABULARIES, PRINCIPLES, AND OBJECTIVES OF TEXTBOOKS IN HIGH SCHOOL CHEMISTRY AND POPULAR LITERATURE
UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

64 132
*DOCTORAL THESES, *EDUCATIONAL RESEARCH, *RESEARCH EVALUATION, *RESEARCH REPORTS, *RESEARCH METHODOLOGY, *SCIENCE EDUCATION, RESEARCH CRITERIA, 1964

177. SE 003 490 09 16 68 18 15 38 1 00 000 001
MURPHY, GLENN W.
FOR CELL STUDY - NITELLA, A COMMON GREEN ALGAE

THE AMERICAN BIOLOGY TEACHER

10 00 67 2
*BIOLOGY, *COLLEGE SCIENCE, *CYTOLOGY, *SCIENCE MATERIALS, *SECONDARY SCHOOL SCIENCE, ALGAE, BOTANY, CELL THEORY, LABORATORY TECHNIQUES, NITELLA

178. SE 003 569 03 07 68 06 23 20 1 00 000 003
NAFF, M. BENTON AND NAFF, ANNA S.
RECYCLIZATION APPARATUS FOR ESTERIFICATION

JOURNAL OF CHEMICAL EDUCATION

11 00 67 2
*COLLEGE SCIENCE, *CHEMISTRY, *ESTERIFICATION, *LABORATORY ACTIVITIES, *ORGANIC CHEMISTRY, *PAPER, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES

179. SE 003 393 03 07 68 17 53 38 1 00 000 197
NAGLE, J. STEWART AND OTHERS
CLASSROOM IDEAS

JOURNAL OF GEOLOGICAL EDUCATION

10 00 67 4
*GEOLOGY, *INSTRUCTIONAL MATERIALS, *PHYSICAL SCIENCES, *PALEONTOLOGY, AUDIOVISUAL AIDS, EVOLUTION, IDENTIFICATION KEYS, TAXONOMY

180. SE 002 229 02 07 68 06 95 22 3 51 000 152
NATIONAL SCIENCE FOUNDATION
SCIENCE COURSE IMPROVEMENT PROJECT

NATIONAL SCIENCE FOUNDATION

05 00 63 48
*COLLEGE SCIENCE, *SCIENCE EQUIPMENT, *SECONDARY SCHOOL SCIENCE, AUDIOVISUAL AIDS, ANTHROPOLOGY, BIOLOGY, CHEMISTRY, ENGINEERING, EARTH SCIENCE, ELEMENTARY SCHOOL SCIENCE, LABORATORY EQUIPMENT, MATHEMATICS, METEOROLOGY, MODELS, PHYSIOLOGY, SCIENCE COURSE IMPROVEMENT PROJECT, NATIONAL SCIENCE FOUNDATION, SCIENCE TEACHING EQUIPMENT DEVELOPMENT PROGRAM, 1963

181. SE 003 956 08 14 68 17 95 15 1 00 000 165
NATIONAL SCIENCE TEACHERS ASSOCIATION
THE COMBINED BOOK EXHIBIT - A BIBLIOGRAPHY FOR THE SCIENCE
TEACHER

COMBINED BOOK EXHIBIT, INC.

66 25
*ANNOTATED BIBLIOGRAPHIES, *BIBLIOGRAPHIES, *REFERENCE BOOKS, *TEXTBOOK PUBLICATIONS, ASTRONOMY, BOTANY, BIOLOGY, CHEMISTRY, EDUCATION, EARTH SCIENCE, ENGINEERING, GENERAL SCIENCE, GEOGRAPHY, GEOLOGY, OCEANOLOGY, PHYSICS, TEXTBOOKS

182. SE 002 289 08 24 67 17 12 37 1 06 000 238
NEILL, WILFRED T.
BIOGEOGRAPHY - BSCS PAMPHLET #18

D. C. HEATH AND COMPANY

64 36
*ANIMAL DISTRIBUTIONS, *BIOLOGY, *INSTRUCTIONAL MATERIALS, *PLANT DISTRIBUTIONS, *SECONDARY SCHOOL SCIENCE, AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES, BIOLOGICAL SCIENCES CURRICULUM STUDY

183. SE 003 644 07 11 68 17 81 20 2 00 000 006
NELSON, PEARL A. AND KELLEY, GAYLEN B.
THE USE OF AUDIOVISUAL MATERIALS IN ELEMENTARY SCHOOL SCIENCE

SCIENCE EDUCATION

12 00 63 11
*AUDIOVISUAL INSTRUCTION, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, CURRICULUM, EDUCATIONAL TRENDS, INSTRUCTION, PROBLEM SOLVING, TEACHING MACHINES, TELEVISED INSTRUCTION, ELEMENTARY SCIENCE STUDY PROJECT, EDUCATIONAL SERVICES, INC., AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, NATIONAL DEFENSE EDUCATION ACT

184. SE 002 577 08 07 68 06 23 30 1 00 000 003
NEMAN, R. L.
DODECYL SODIUM SULFATE AS A REAGENT FOR THE DETECTION OF
POTASSIUM

JOURNAL OF CHEMICAL EDUCATION

08 00 67 2
*ANALYTICAL CHEMISTRY, *COLLEGE SCIENCE, *CHEMISTRY, *LABORATORY PROCEDURES, *LABORATORY TECHNIQUES, *SCIENCE MATERIALS, *SCIENCE ACTIVITIES, REAGENTS, POTASSIUM

GPO 810-548-4

185. SE 003 765 06 06 68 02 09 16 3 31 000 200
NEW MEXICO STATE DEPARTMENT OF EDUCATION
A TRANSITIONAL CURRICULUM GUIDE FOR MATHEMATICS IN GRADES 7 AND 8

EDRS, NATIONAL CASH REGISTER COMPANY

66 135
*CURRICULUM GUIDES, *GEOMETRY, *MATHEMATICS, *SECONDARY SCHOOL
MATHEMATICS, *TEACHING GUIDES, ARITHMETIC, CURRICULUM, GRADE 7,
GRADE 8, MEASUREMENT, STATISTICS, NEW MEXICO

186. SE 002 873 04 05 68 17 91 17 1 00 000 006
NEWPORT, JOHN F.
THE DISTRIBUTION OF SCIENCE FACTS IN THREE EDITIONS OF AN
ELEMENTARY SCIENCE SERIES

SCIENCE EDUCATION

12 00 65 3
*CONTENT, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS,
*TEXTBOOKS, *TEXTBOOK CONTENT, ASTRONOMY, BIOLOGY, CHEMISTRY,
GEOLOGY, PHYSICS, GINN ELEMENTARY SCIENCE SERIES, 1932, 1946, 1961

187. SE 002 872 04 05 68 17 81 17 1 00 000 006
NEWPORT, JOHN F.
AN EVALUATION OF SELECTED SERIES OF ELEMENTARY SCHOOL SCIENCE
TEXTBOOKS

SCIENCE EDUCATION

12 00 65 6
*ELEMENTARY SCHOOL SCIENCE, *EVALUATION INSTRUMENTS, *INSTRUCTIONAL
MATERIALS, *TEXTBOOK EVALUATION, EVALUATION TECHNIQUES, TEXTBOOKS

188. SE 002 658 02 26 68 06 83 38 1 00 000 002
NEILSEN, I. R.
METHOD FOR USING CONVENTIONAL X-Y PLOTTER IN LARGE CLASSROOMS

AMERICAN JOURNAL OF PHYSICS

04 00 66 2
*AUDIOVISUAL AIDS, *COLLEGE SCIENCE, *CHEMISTRY, *MATHEMATICS,
*PHYSICS, *OVERHEAD PROJECTION PLOTTER, PLOTTER, *PHYSICAL
SCIENCES, *SCIENCE EQUIPMENT, OVERHEAD PROJECTORS

189. SE 002 103 02 06 68 06 45 15 3 38 000 228
NEUBERGER, HANS AND NICHOLAS, GEORGE
MANUAL OF LECTURE DEMONSTRATIONS, LABORATORY EXPERIMENTS, AND OBSERVATIONAL EQUIPMENT FOR TEACHING ELEMENTARY METEOROLOGY IN SCHOOLS AND COLLEGES
THE PENNSYLVANIA STATE UNIVERSITY, DEPARTMENT OF METEOROLOGY, UNIVERSITY PARK

08 00 62 183
*COLLEGE SCIENCE, *METEOROLOGY, *SECONDARY SCHOOL SCIENCE, *SCIENCE ACTIVITIES, *TEACHING GUIDES, EARTH SCIENCE, MODELS (SCIENTIFIC), SCIENCE EQUIPMENT, SCIENCE EXPERIMENTS, SCIENCE DEMONSTRATIONS, TEACHING TECHNIQUES, NATIONAL SCIENCE FOUNDATION, PENNSYLVANIA STATE UNIVERSITY, UNIVERSITY PARK, PENNSYLVANIA

190. SE 002 300 08 24 67 17 12 37 2 06 000 238
NIGRELLI, ROSS F.
METABOLITES OF THE SEA

D. C. HEATH AND COMPANY

63 35
*BIOLOGY, *INSTRUCTIONAL MATERIALS, *MARINE BIOLOGY, *SECONDARY SCHOOL SCIENCE, AQUATIC BIOLOGY, OCEANOLOGY, AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES, BIOLOGICAL SCIENCES CURRICULUM STUDY

191. SE 002 937 07 08 68 17 95 03 1 00 000 199
NOVAK, ALFRED
BIBLIOGRAPHY - BIOCHEMISTRY

BIOSCIENCE

10 00 65 3
*BIOCHEMISTRY, *BIBLIOGRAPHIES, *BIOLOGY, *CHEMISTRY, *INSTRUCTIONAL MATERIALS, *RESOURCE MATERIALS, *TEXTBOOKS, CYTOLOGY, COLLEGE SCIENCE, SECONDARY SCHOOL SCIENCE

192. SE 002 879 02 23 68 06 33 30 1 00 000 002
NUSSBAUM, RUDI H. AND OTHERS
PRECISION HIGH-RESOLUTION MOSSABAUER SPECTROMETER

AMERICAN JOURNAL OF PHYSICS

01 00 66 8
*COLLEGE SCIENCE, *PHYSICS, *SCIENCE EQUIPMENT, *SPECTROMETER, *SCIENCE ACTIVITIES, MOSSBAUER SPECTROMETER, SCIENCE EXPERIMENTS

193. SE 002 718 10 18 67 06 23 38 1 00 000 003
OLSEN, EUGENE D.
SIMPLE EQUIPMENT FOR AUTOMATIC POTENTIOMETRIC PH TITRATIONS

JOURNAL OF CHEMICAL EDUCATION

06 00 66 5
*ANALYTICAL CHEMISTRY, *COLLEGE SCIENCE, *CHEMISTRY, *SCIENCE EQUIPMENT, *PH, PAPER, TITRATION, AMERICAN CHEMICAL SOCIETY, 1965

194. SE 002 704 06 04 68 06 23 38 1 00 000 003
OSTROFF, A. G.
CLOSED SYSTEM STIRRING APPARATUS

JOURNAL OF CHEMICAL EDUCATION

05 00 66 1
*COLLEGE SCIENCE, *CHEMISTRY, *SCIENCE EQUIPMENT, STIRRING APPARATUS

195. SE 002 298 08 24 67 17 12 37 1 06 000 238
OVERMIRE, THOMAS G.
HOMEOSTATIC REGULATION - BSCS PAMPHLET #9

D. C. HEATH AND COMPANY

09 00 63 36
*BIOLOGY, *HOMEOSTASIS, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL SCIENCE, AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES, BIOLOGICAL SCIENCES CURRICULUM STUDY

196. SE 003 571 03 04 68 06 23 30 1 00 000 003
PARDUE, HARRY L. AND OTHERS
REACTION RATE ANALYSIS AND INSTRUMENTATION - AN EXPERIMENT FOR THE ANALYTICAL LABORATORY

JOURNAL OF CHEMICAL EDUCATION

11 00 67 5
*ANALYTICAL CHEMISTRY, *COLLEGE SCIENCE, *CHEMISTRY, *REACTION RATES, *INSTRUMENTATION, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, PHYSICAL CHEMISTRY, SCIENCE EXPERIMENTS

197. SE 003 979 03 21 68 06 93 38 1 00 000 002
PARKINSON, PETER D. S.
BASIC MONOCHROMATOR FOR INSTRUCTIONAL USE

AMERICAN JOURNAL OF PHYSICS

11 00 67 7
*ANALYTICAL CHEMISTRY, *PHYSICS, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, *COLLEGE SCIENCE, INSTRUCTIONAL MATERIALS, MONOCHROMATOR, INSTRUMENTATION

198. SE 002 570 08 07 68 06 33 38 1 00 000 003
PATTON, J. W. AND JOHNSON, I. D.
MAGNETIC GAS CIRCULATION PUMP FOR PRESSURE REACTORS

JOURNAL OF CHEMICAL EDUCATION

08 00 67 2
*COLLEGE SCIENCE, *LABORATORY EXPERIMENTS, *LABORATORY PROCEDURES, *PHYSICS, *SCIENCE EXPERIMENTS, PUMPS, PRESSURE REACTORS, SCIENCE EQUIPMENT, SCIENCE MATERIALS, SCIENCE ACTIVITIES

199. SE 003 316 08 13 68 17 23 38 1 00 000 003
PERLMUTTER-HAYMAN, BERTA
UNIMOLECULAR GAS REACTIONS AT LOW PRESSURES

JOURNAL OF CHEMICAL EDUCATION

10 00 67 2
*COLLEGE SCIENCE, *CHEMISTRY, *GASES, *INSTRUCTIONAL MATERIALS, *LOW PRESSURE REACTIONS, PHYSICAL SCIENCES, TEXTBOOK ERRORS, TEXTBOOKS

200. SE 003 980 08 08 68 06 33 20 1 00 000 002
PESCETTI, D. AND PONTIGGIA, C.
DEMONSTRATION APPARATUS FOR DYNAMICS

AMERICAN JOURNAL OF PHYSICS

11 00 67 4
*COLLEGE SCIENCE, *DYNAMICS (PHYSICS), *PHYSICAL SCIENCES, *PHYSICS, *SCIENCE EQUIPMENT, *SCIENCE DEMONSTRATIONS, UNDERGRADUATE STUDY, BERKELEY PHYSICS COURSE, 1967, AAPT APPARATUS COMPETITION

201. SE 002 524 08 13 68 17 32 11 2 00 000 211
PHYSICAL SCIENCE STUDY COMMITTEE
PHYSICS

D. C. HEATH AND COMPANY

65 686
*INSTRUCTIONAL MATERIALS, *PHYSICS, *PROBLEM SOLVING, *SECONDARY SCHOOL SCIENCE, *SCIENCE ACTIVITIES, ANNOTATED BIBLIOGRAPHIES, BIBLIOGRAPHIES, SCIENCE EXPERIMENTS, SCIENCE COURSE IMPROVEMENT PROJECT, TEXTBOOKS, PHYSICAL SCIENCE STUDY COMMITTEE

202. SE 002 533 08 13 68 17 32 11 2 00 000 211
PHYSICAL SCIENCE STUDY COMMITTEE
PHYSICS - ADVANCED TOPICS SUPPLEMENT

D. C. HEATH AND COMPANY

66 177
*ADVANCED PROGRAMS, *INSTRUCTIONAL MATERIALS, *PHYSICS, *PROBLEM SOLVING, *SECONDARY SCHOOL SCIENCE, *SCIENCE ACTIVITIES, ANNOTATED BIBLIOGRAPHIES, BIBLIOGRAPHIES, SCIENCE EXPERIMENTS, SCIENCE COURSE IMPROVEMENT PROJECT, TEXTBOOKS, PHYSICAL SCIENCE STUDY COMMITTEE

203. SE 002 534 08 13 68 17 32 10 2 00 000 211
PHYSICAL SCIENCE STUDY COMMITTEE
PHYSICS - LABORATORY GUIDE

D. C. HEATH AND COMPANY

65 86
*INSTRUCTIONAL MATERIALS, *LABORATORY TECHNIQUES, *PHYSICS, *SECONDARY SCHOOL SCIENCE, *SCIENCE EXPERIMENTS, *SCIENCE EQUIPMENT, SCIENCE ACTIVITIES, PHYSICAL SCIENCE STUDY COMMITTEE

204. SE 002 532 08 13 68 17 32 11 2 00 000 211
PHYSICAL SCIENCE STUDY COMMITTEE
PHYSICS - PART I, THE UNIVERSE

D. C. HEATH AND COMPANY

65 200
*INSTRUCTIONAL MATERIALS, *PHYSICS, *PROBLEM SOLVING, *SECONDARY SCHOOL SCIENCE, *SCIENCE ACTIVITIES, ANNOTATED BIBLIOGRAPHIES, BIBLIOGRAPHIES, SCIENCE EXPERIMENTS, SCIENCE COURSE IMPROVEMENT PROJECT, TEXTBOOKS, PHYSICAL SCIENCE STUDY COMMITTEE

205. SE 002 531 08 13 68 17 32 11 2 00 000 211
PHYSICAL SCIENCE STUDY COMMITTEE
PHYSICS - PART II, OPTICS AND WAVES

D. C. HEATH AND COMPANY

65 175
*INSTRUCTIONAL MATERIALS, *PHYSICS, *PROBLEM SOLVING, *SECONDARY SCHOOL SCIENCE, *SCIENCE ACTIVITIES, ANNOTATED BIBLIOGRAPHIES, BIBLIOGRAPHIES, SCIENCE EXPERIMENTS, SCIENCE COURSE IMPROVEMENT PROJECT, TEXTBOOKS, PHYSICAL SCIENCE STUDY COMMITTEE

206. SE 002 530 08 13 68 17 32 11 2 00 000 211
PHYSICAL SCIENCE STUDY COMMITTEE
PHYSICS - PART III, MECHANICS

D. C. HEATH AND COMPANY

65 160
*INSTRUCTIONAL MATERIALS, *PHYSICS, *PROBLEM SOLVING, *SECONDARY SCHOOL SCIENCE, *SCIENCE ACTIVITIES, ANNOTATED BIBLIOGRAPHIES, BIBLIOGRAPHIES, SCIENCE EXPERIMENTS, SCIENCE COURSE IMPROVEMENT PROJECT, TEXTBOOKS, PHYSICAL SCIENCE STUDY COMMITTEE

207. SE 002 529 08 13 68 17 32 11 2 00 000 211
PHYSICAL SCIENCE STUDY COMMITTEE
PHYSICS - PART IV, ELECTRICITY AND ATOMIC STRUCTURE

D. C. HEATH AND COMPANY

65 180
*INSTRUCTIONAL MATERIALS, *PHYSICS, *PROBLEM SOLVING, *SECONDARY SCHOOL SCIENCE, *SCIENCE ACTIVITIES, ANNOTATED BIBLIOGRAPHIES, BIBLIOGRAPHIES, SCIENCE EXPERIMENTS, SCIENCE COURSE IMPROVEMENT PROJECT, TEXTBOOKS, PHYSICAL SCIENCE STUDY COMMITTEE

208. SE 002 556 08 07 68 06 33 30 1 00 000 002
POLLACK, S. A. AND WITTE, R. S.
APPARATUS NOTES - VELOCITY OF LIGHT DEMONSTRATION USING A NEW SHORT-DURATION PULSED-LIGHT SOURCE

AMERICAN JOURNAL OF PHYSICS

09 00 66 2
*COLLEGE SCIENCE, *LIGHT, *MEASUREMENT, *MEASUREMENT INSTRUMENTS, *PHYSICS, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES, SCIENCE EXPERIMENTS, SCIENCE MATERIALS

209. SE 002 723 04 03 68 06 95 23 1 00 000 003
POLLARD, HARVEY BRUCE
POLYETHYLENE AND PIPECLEANER MODELS OF BIOLOGICAL POLYMERS

JOURNAL OF CHEMICAL EDUCATION

06 00 66 2
*BIOCHEMISTRY, *INSTRUCTIONAL MATERIALS, *MODELS, *SCIENCE EQUIPMENT, AUDIOVISUAL AIDS, BIOLOGY, CHEMISTRY, COLLEGE SCIENCE, ELEMENTARY SCHOOL SCIENCE, SECONDARY SCHOOL SCIENCE

210. SE 003 985 09 13 68 06 33 20 1 00 000 002
POST, RICHARD S. AND MARK, HANS
CONSTRUCTION AND OPERATION OF A SMALL ELECTROSTATIC ACCELERATOR FOR AN UNDERGRADUATE LABORATORY COURSE

AMERICAN JOURNAL OF PHYSICS

11 00 67 8
*ATOMIC PHYSICS, *COLLEGE SCIENCE, *ELECTROSTATICS, *NUCLEAR PHYSICS, *PHYSICAL SCIENCES, *PHYSICS, *SCIENCE EQUIPMENT, UNDERGRADUATE STUDY, ACCELERATORS, MODERN PHYSICS, SCIENCE EXPERIMENTS, VAN DE GRAAFF MACHINES

211. SE 002 287 08 24 67 17 12 37 1 06 000 238
QUICK, HORACE
ECOLOGY OF THE AFRICAN ELEPHANT - BSCS PAMPHLET #21

D. C. HEATH AND COMPANY

65 36
*BIOLOGY, *ECOLOGY, *ELEPHANTS, *INSTRUCTIONAL MATERIALS, *ZOOLOGY, *SECONDARY SCHOOL SCIENCE, ANIMALS, AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES, BIOLOGICAL SCIENCES CURRICULUM STUDY, AFRICA

212. SE 003 600 07 11 68 17 92 17 1 00 000 006
RAMMEL, JOSEPH A.
AN OBJECTIVE STUDY OF THE BASES OF SELECTING AN EIGHTH GRADE GENERAL SCIENCE TEXTBOOK

SCIENCE EDUCATION

04 00 63 7
*EVALUATION, *GRADE 8, *GENERAL SCIENCE, *INSTRUCTIONAL MATERIALS, *TEXTBOOK SELECTION, *TEXTBOOK EVALUATION, BIOLOGY, BOTANY, CHEMISTRY, ELEMENTARY SCHOOL SCIENCE, LEARNING, PHYSICS, PHYSICAL SCIENCES, READING, READING COMPREHENSION, RESEARCH REPORTS, TEXTBOOKS

213. SE 002 284 08 24 67 17 12 37 2 06 000 238
RAUEN, PETER H. AND MERTENS, THOMAS R.
PLANT SYSTEMATICS - BSCS PAMPHLET #23

D. C. HEATH AND COMPANY

65 36
*BIOLOGY, *BOTANY, *INSTRUCTIONAL MATERIALS, *PLANTS, *PLANT CLASSIFICATION, *SECONDARY SCHOOL SCIENCE, *TAXONOMY, AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES, BIOLOGICAL SCIENCES CURRICULUM STUDY

214. SE 002 541 09 10 68 06 33 38 1 00 000 002
RAWLS, W. S. AND VOSS, H. G.
A VERSATILE, INEXPENSIVE NEUTRON HOWITZER

AMERICAN JOURNAL OF PHYSICS

12 00 66 4
*COLLEGE SCIENCE, *MATERIALS DEVELOPMENT, *PHYSICS, *SCIENCE EQUIPMENT, NEUTRON HOWITZER

215. SE 003 231 08 07 68 06 33 30 1 00 000 002
REID, WILLIAM M.
MICROWAVE RESEARCH AND DEMONSTRATION SYSTEM

AMERICAN JOURNAL OF PHYSICS

08 00 67 4
*COLLEGE SCIENCE, *ELECTRONICS, *MODERN PHYSICS, *MICROWAVES, *PHYSICAL SCIENCES, *PHYSICS, *SCIENCE EQUIPMENT, *SCIENCE DEMONSTRATIONS, SCIENCE RESEARCH, WAVE THEORY, NATIONAL RESEARCH COUNCIL OF CANADA, XAVIER COLLEGE

216. SE 002 659 02 21 68 06 33 20 1 00 000 002
RINARD, PHILLIP M.
APPARATUS REVIEW - COMPARISON OF FRANCK-HERTZ TUBES AND APPARATUS

AMERICAN JOURNAL OF PHYSICS

04 00 66 3
*COLLEGE SCIENCE, *EQUIPMENT EVALUATION, *MODERN PHYSICS, *PAPERS, *PHYSICS, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES, EVALUATION, FRANCK-HERTZ APPARATUS

217. SE 002 621 07 08 68 06 85 29 1 00 000 010
ROBARGE, THOMAS J.
SCIENCE EQUIPMENT LIBRARY

SCIENCE AND CHILDREN

02 00 67 2
*EDUCATIONAL PROGRAMS, *EDUCATIONAL OBJECTIVES, *SCIENCE COURSE IMPROVEMENT PROJECT, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES, ELEMENTARY SCHOOL SCIENCE, INSTRUCTIONAL MATERIALS, PROGRAM DESCRIPTIONS, SECONDARY SCHOOL SCIENCE, ELEMENTARY AND SECONDARY EDUCATION ACT

218. SE 002 273 08 13 68 17 09 11 2 00 000 202
ROBERTS, EUGENE
A PROGRAMMED SEQUENCE ON EXPONENTIAL NOTATION

W. H. FREEMAN AND COMPANY

62 31
*MATHEMATICAL APPLICATIONS, *PROGRAMED INSTRUCTION, *PROGRAMED MATERIALS, *SEQUENTIAL PROGRAMS, ALGEBRA, INSTRUCTION, INSTRUCTIONAL MATERIALS, MATHEMATICS, PROGRAMED TEXTS, TEXTBOOKS, CHEMICAL EDUCATION MATERIALS STUDY, EXPONENTIAL NOTATION

219. SE 002 274 08 13 68 17 09 11 2 00 000 202
ROBERTS, EUGENE
A PROGRAMMED SEQUENCE ON THE SLIDE RULE

W. H. FREEMAN AND COMPANY

62 63
*INSTRUCTIONAL MATERIALS, *MATHEMATICAL APPLICATIONS, *PROGRAMED INSTRUCTION, *PROGRAMED MATERIALS, *SEQUENTIAL PROGRAMS, *SLIDE RULES, INSTRUCTION, MATHEMATICS, PROGRAMED TEXTS, TEXTBOOKS, CHEMICAL EDUCATION MATERIALS STUDY

GPO 810-548-5

220. SE 003 031 02 27 68 06 33 30 1 00 000 002
ROMER, I. CARL, JR. AND KOENTOP, PRESTON E.
TUBE METHOD FOR MEASURING THE VELOCITY OF SOUND IN GASES

AMERICAN JOURNAL OF PHYSICS

10 00 65 4
*COLLEGE SCIENCE, *MEASUREMENT, *PHYSICS, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES, *SOUND VELOCITY, STUDENT EXPERIMENTS

221. SE 002 186 09 06 67 17 25 20 1 00 000 021
ROPER, KEITH I. AND BROWN, STANLEY B.
CRITERIA FOR INDUSTRY SPONSORED EDUCATIONAL MATERIALS AND SELECTED SOURCES FOR CHEMISTRY

JOURNAL OF EDUCATIONAL RESEARCH

11 00 60 6
*FREE INSTRUCTIONAL MATERIALS, CHEMISTRY, *INSTRUCTIONAL MATERIALS, INDUSTRY, RESEARCH REPORTS, SCIENCE MATERIALS, SECONDARY SCHOOL SCIENCE, TEACHER RESOURCE MATERIALS, TEACHER ATTITUDES

222. SE 003 825 09 10 68 06 33 38 1 00 000 002
RUBINSTEIN, M. AND SHTRIKMAN S.
CONVERSION OF A GRID-DIP METER INTO A VARIABLE FREQUENCY NMR SPECTROMETER

AMERICAN JOURNAL OF PHYSICS

10 00 67 4
*COLLEGE SCIENCE, *ELECTRONICS, *PHYSICS, *SCIENCE EQUIPMENT, *SPECTROMETERS, MATERIAL DEVELOPMENT, SCIENCE EXPERIMENTS

223. SE 003 912 04 08 68 17 15 11 2 00 000 438
RUBLOWSKY, JOHN
NATURE IN THE CITY

BASIC BOOKS, INC., NEW YORK

67 152
*BIOLOGY, *ECOLOGY, *OUTDOOR EDUCATION, *RESOURCE MATERIALS, *URBAN ENVIRONMENT, ELEMENTARY SCHOOL SCIENCE, SECONDARY SCHOOL SCIENCE, URBAN EDUCATION

224. SE 002 664 02 21 68 06 93 30 1 00 000 002
RUBY, LAWRENCE
DEMONSTRATION OF THE BUILDUP AND DECAY OF RADIOACTIVITY

AMERICAN JOURNAL OF PHYSICS

03 00 66 3
*COLLEGE SCIENCE, *CHEMISTRY, *PHYSICS, *RADIOACTIVITY, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, NUCLEAR SCIENCE, RADIOACTIVE DECAY

225. SE 002 734 04 03 68 06 95 38 1 00 000 003
RUCHELMAN, MARYON W.
ZONE EXTRACTOR FOR THIN-LAYER CHROMATOGRAPHY

JOURNAL OF CHEMICAL EDUCATION

02 00 67 1
*BIOLOGY, *CHEMISTRY, *CHROMATOGRAPHY, *COLLEGE SCIENCE, *SCIENCE EQUIPMENT, *LABORATORY TECHNIQUES, MEASUREMENT, QUANTITATIVE ANALYSIS, SECONDARY SCHOOL SCIENCE

226. SE 002 680 02 21 68 18 25 30 1 00 000 003
RUDMAN, REUBEN
LABORATORY EXPERIMENTS IN LOW-TEMPERATURE X-RAY DIFFRACTION

JOURNAL OF CHEMICAL EDUCATION

06 00 67 4
*COLLEGE SCIENCE, *CHEMISTRY, *PHYSICAL CHEMISTRY, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, *X-RAY DIFFRACTION, HEAT, INSTRUMENTAL ANALYSIS, LABORATORY ACTIVITIES, ATOMIC ENERGY COMMISSION

227. SE 002 670 03 15 68 06 23 30 1 00 000 003
RUDMAN, REUBEN
XXXVII. X-RAY DIFFRACTION ANALYSIS (CONCLUDED) - PART 6 - SINGLE CRYSTAL METHODS (CONTINUED) AND MISCELLANEOUS METHODS

JOURNAL OF CHEMICAL EDUCATION

06 00 67 17
*COLLEGE SCIENCE, *CHEMISTRY, *INSTRUMENTATION, *MEASUREMENT, *PHYSICAL CHEMISTRY, *RESEARCH, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES, *X-RAY DIFFRACTION, *X-RAY DIFFRACTION ANALYSIS, UNITED STATES ATOMIC ENERGY COMMISSION

228. SE 002 605 02 20 68 06 23 38 1 00 000 003
RUDMAN, REUBEN
TOPICS IN CHEMICAL INSTRUMENTATION X-RAY DIFFRACTION ANALYSIS - PART I - SAFETY AND GENERATORS

JOURNAL OF CHEMICAL EDUCATION

01 00 67 20
*COLLEGE SCIENCE, *CHEMISTRY, *INSTRUMENTATION, *PHYSICAL CHEMISTRY, *SCIENCE EQUIPMENT, *SAFETY, *X-RAY DIFFRACTION, GENERATORS, X-RAY GENERATORS, UNITED STATES ATOMIC ENERGY COMMISSION

2

229. SE 002 899 02 26 68 06 33 30 1 00 000 002
SACHS, A. M.
SPARK CHAMBERS - A SIMPLIFIED SYSTEM FOR THE OBSERVATION OF PARTICLE TRAJECTORIES IN TWO TYPES OF CHAMBERS

AMERICAN JOURNAL OF PHYSICS

07 00 67 13
*BETA RAYS, *COSMIC RAYS, *COLLEGE SCIENCE, *NUCLEAR PHYSICS, *PHYSICS, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, MODERN PHYSICS, RADIOACTIVITY, SPARK CHAMBERS, NATIONAL SCIENCE FOUNDATION

230. SE 002 639 03 06 68 06 33 30 1 00 000 002
SALINGER, G. L. AND LEITNER, A.
DEMONSTRATIONS AND EXPERIMENTS AT LIQUID-HELIUM TEMPERATURES

AMERICAN JOURNAL OF PHYSICS

08 00 66 10
*CRYOGENICS, *COLLEGE SCIENCE, *PHYSICS, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES, *SCIENCE EXPERIMENTS, *SCIENCE DEMONSTRATIONS, EDUCATIONAL TELEVISION, NATIONAL SCIENCE FOUNDATION, TELEVISION

231. SE 003 411 08 13 68 17 81 20 1 00 000 014
SCHLEICHER, RUSSELL F.
THE VALUES OF SCIENCE BULLETIN BOARDS

THE GRADE TEACHER

10 00 59 3
*AUDIOVISUAL AIDS, *BULLETIN BOARDS, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, *SCIENCE ACTIVITIES, *SCIENCE MATERIALS

232. SE 002 795 04 04 68 06 15 38 1 00 000 373
SCHMITT, DORIS M.
HOW TO PREPARE SKELETONS - A WARD'S CURRICULUM AID

WARD'S NATURAL SCIENCE ESTABLISHMENT, ROCHESTER, NEW YORK

66 8
*ANATOMY, *COLLEGE SCIENCE, *LABORATORY TECHNIQUES, *SECONDARY SCHOOL SCIENCE, BIOLOGY, ELEMENTARY SCHOOL SCIENCE, LABORATORY EQUIPMENT, SCIENCE ACTIVITIES, ZOOLOGY, WARD'S CURRICULUM AID

233. SE 002 358 03 06 68 10 81 17 2 22 000 319
SCHNIPPERS, JOHN VERNON
AN INVESTIGATION OF THE PROBLEM METHOD OF INSTRUCTION IN SIXTH GRADE SCIENCE CLASSES

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

62 303
*ELEMENTARY SCHOOL SCIENCE, *GRADE 6, *INSTRUCTION, *INSTRUCTIONAL MATERIALS, *PROBLEM SOLVING, *TEACHING METHODS, DOCTORAL THESES, RESEARCH REPORTS, TEACHER ATTITUDES, 1962

234. SE 002 126 02 07 68 17 12 20 1 00 000 001
SCHUYLER, ARENT H., JR.
HIGH SCHOOL BIOLOGY TEXTS - 1959 TO 1966

THE AMERICAN BIOLOGY TEACHER

05 00 67 3
*BIOLOGY, *INSTRUCTIONAL MATERIALS *SECONDARY SCHOOL SCIENCE, *TEXTBOOKS, SCIENCE MATERIALS, TEXTBOOK EVALUATION, BIOLOGICAL SCIENCES CURRICULUM STUDY

235. SE 002 544 08 07 68 06 33 38 1 00 000 002
SCHWARZ, GUENTER
APPARATUS NOTES

AMERICAN JOURNAL OF PHYSICS

10 00 66 2
*COLLEGE SCIENCE, *ENGINEERING, *LABORATORY TECHNIQUES, *LABORATORY EXPERIMENTS, *PHYSICS, *SCIENCE MATERIALS

236. SE 002 897 02 26 68 06 33 38 1 00 000 002
SCHWARZ, GUENTER
APPARATUS NOTES

AMERICAN JOURNAL OF PHYSICS

07 00 67 2
*COLLEGE SCIENCE, *PHYSICS, *SCIENCE EQUIPMENT, BALL BEARING PULLEYS, ELECTROSTATICS, METERS, PENDULUMS, PULLEYS, SPECTROMETERS

237. SE 003 732 08 13 68 17 71 11 3 00 000 367
SCIENCE CURRICULUM IMPROVEMENT STUDY
ENERGY - A SCIENCE UNIT FOR THE UPPER ELEMENTARY GRADES

SCIENCE CURRICULUM IMPROVEMENT STUDY, UNIVERSITY OF CALIFORNIA, BERKELEY

67 31
*ELEMENTARY SCHOOL SCIENCE, *ENERGY, *INSTRUCTIONAL MATERIALS, *LABORATORY MANUAL, *SCIENCE ACTIVITIES, *TEXTBOOKS, GRADE 5, GRADE 6, HEAT, PHYSICAL SCIENCES, PHYSICS, NATIONAL SCIENCE FOUNDATION

238. SE 003 055 02 27 68 17 11 15 2 00 000 367
SCIENCE CURRICULUM IMPROVEMENT STUDY
LIFE CYCLES - A SCIENCE UNIT FOR THE PRIMARY GRADES

SCIENCE CURRICULUM IMPROVEMENT STUDY, UNIVERSITY OF CALIFORNIA, BERKELEY

09 00 67 70
*BIOLOGY, *ELEMENTARY SCHOOL SCIENCE, *ECOLOGY, *INSTRUCTIONAL MATERIALS, *LIFE CYCLES, *PRIMARY GRADES, *SCIENCE EQUIPMENT, *SCIENCE MATERIALS, *SCIENCE ACTIVITIES, *SCIENCE COURSE IMPROVEMENT PROJECT, *SCIENCE UNITS, AUDIOVISUAL AIDS, CURRICULUM DEVELOPMENT, CONCEPT FORMATION, EDUCATIONAL PROGRAMS, EDUCATIONAL OBJECTIVES, INSTRUCTION, TEACHING GUIDES, TEACHING METHODS, SCIENCE CURRICULUM IMPROVEMENT STUDY

239. SE 003 047 08 13 68 17 51 30 3 00 000 367
SCIENCE CURRICULUM IMPROVEMENT STUDY
STUDENT MANUAL FOR POSITION AND MOTION - A SCIENCE UNIT FOR THE UPPER ELEMENTARY GRADES

SCIENCE CURRICULUM IMPROVEMENT STUDY, UNIVERSITY OF CALIFORNIA, BERKELEY

09 00 67 60
*CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, *MOTION, *PHYSICAL SCIENCES, *SCIENCE ACTIVITIES SCIENCE COURSE IMPROVEMENT PROJECT, SCIENCE UNITS, NATIONAL SCIENCE FOUNDATION

240. SE 003 764 08 20 68 17 09 16 3 32 000 484
SECONDARY SCHOOL MATHEMATICS CURRICULUM IMPROVEMENT STUDY
MATHEMATICS I, VOLUME 2

COLUMBIA UNIVERSITY, TEACHERS COLLEGE PRESS, NEW YORK

66 50
*CURRICULUM, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, CURRICULUM DEVELOPMENT, CURRICULUM GUIDES, SECONDARY SCHOOL MATHEMATICS

241. SE 003 763 08 14 68 17 09 16 3 32 000 475
SECONDARY SCHOOL MATHEMATICS CURRICULUM IMPROVEMENT STUDY
MATHEMATICS I, VOLUME 3

COLUMBIA UNIVERSITY, TEACHER COLLEGE PRESS AND EDRS, NATIONAL CASH REGISTER COMPANY

67 118
*CURRICULUM, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, CURRICULUM DEVELOPMENT, GEOMETRY, GRADE 7

242. SE 003 762 08 14 68 17 09 16 3 32 000 475
SECONDARY SCHOOL MATHEMATICS CURRICULUM IMPROVEMENT
STUDY

SEVENTH YEAR MATHEMATICS, VOLUME I
EDRS, NATIONAL CASH REGISTER COMPANY
66 107
*CURRICULUM, MATHEMATICS, *STATISTICS, *SECONDARY SCHOOL
MATHEMATICS, CURRICULUM DEVELOPMENT, CURRICULUM GUIDES,
GRADE 7, NUMBER SYSTEMS, SET THEORY

243. SE 002 848 02 23 68 21 95 04 2 00 000 002
SEEGER, RAYMOND J.
GALILEO, YESTERDAY AND TODAY

AMERICAN JOURNAL OF PHYSICS

09 00 65 18
*BIOGRAPHIES, *SCIENCE HISTORY, *SCIENTISTS, ASTRONOMY, MATHEMATICS,
PHYSICS, PHYSICAL SCIENCES, GALILEO

244. SE 002 928 07 08 68 17 15 03 1 00 000 199
SEIDENBERG, ARTHUR J.
BIBLIOGRAPHY - ANIMAL ECOLOGY

BIOSCIENCE

11 00 66 3
*BIOLOGICAL SCIENCES, *BIBLIOGRAPHIES, *ECOLOGY, *RESOURCE
MATERIALS, *TEXTBOOKS, COLLEGE SCIENCE, INSTRUCTIONAL MATERIALS,
SECONDARY SCHOOL SCIENCE, ZOOLOGY

245. SE 003 570 03 04 68 06 23 38 1 00 000 003
SHEPPARD, WILLIAM J.
THE CONSTRUCTION OF SOLID TETRAHEDRAL AND OCTAHEDRAL MODELS

JOURNAL OF CHEMICAL EDUCATION

11 00 67 1
*AUDIOVISUAL AIDS, *COLLEGE SCIENCE, *CHEMISTRY, *MODELS,
*OCTAHEDRAL MODELS, *STEREOCHEMISTRY, *SCIENCE MATERIALS,
*STRUCTURAL MODELS, *TETRAHEDRAL MODELS, TEACHING MODELS

246. SE 003 365 09 09 68 17 86 17 2 00 000 190
SHETTEL, HARRIS H. AND REILLY, PAMELA C.
EVALUATION OF EXISTING CRITERIA FOR JUDGING THE QUALITY
OF SCIENCE EXHIBITS

AUDIOVISUAL COMMUNICATION REVIEW

66 10
*AUDIOVISUAL AIDS, *INSTRUCTIONAL MATERIALS, *RATING SCALES, *SCIENCE
EXHIBITS, ATTITUDES, EQUIPMENT UTILIZATION, EVALUATION, EDUCATIONAL
OBJECTIVES, SCIENCE MATERIALS, RESEARCH REPORTS, SCIENCES, AMERICAN
MUSEUM OF ATOMIC ENERGY, CLEARINGHOUSE FOR FEDERAL AND SCIENTIFIC
AND TECHNICAL INFORMATION, NATIONAL BUREAU OF STANDARDS

247. SE 003 030 02 27 68 06 33 30 1 00 000 002
SHRADER, ERWIN F.
TWO QUANTITATIVE LECTURE DEMONSTRATIONS CONCERNING LINEAR MOMENTUM

AMERICAN JOURNAL OF PHYSICS

10 00 65 6
*COLLEGE SCIENCE, *LECTURE DEMONSTRATIONS, *MOMENTUM, *PHYSICS, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES, LINEAR MOMENTUM, MECHANICS, SCIENCE DEMONSTRATIONS

248. SE 002 224 02 07 68 17 95 30 3 51 000 152
SHOWALTER, VICTOR M. AND SLESNICK, IRWIN L.
IDEAS FOR SCIENCE INVESTIGATIONS

NATIONAL SCIENCE TEACHERS ASSOCIATION

66 58
*INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL SCIENCE, *STUDENT RESEARCH, *SCIENCE PROJECTS, *SCIENCE ACTIVITIES, BIOLOGY, CHEMISTRY, PHYSICS, NATIONAL SCIENCE TEACHERS ASSOCIATION

249. SE 002 093 02 06 68 06 35 30 1 00 000 00
SINGER, WILLARD E.
APPARATUS-LECTURE DEMONSTRATION AND LABORATORY CLASSROOM TECHNIQUES - ACOUSTICAL INTERFERENCE DEMONSTRATION APPARATUS

THE PHYSICS TEACHER

09 00 65 1
*ACOUSTICS, *INSTRUCTION, *PHYSICS, *SCIENCE ACTIVITIES, ACOUSTICAL INTERFERENCE, COLLEGE SCIENCE, LABORATORY TECHNIQUES, SCIENCE DEMONSTRATIONS, SCIENCE EQUIPMENT, SECONDARY SCHOOL SCIENCE, SCIENCE EXPERIMENTS, SOUND, TEACHING TECHNIQUES

250. SE 002 859 02 23 68 06 33 30 1 00 000 00
SMITH, WILLIAM C.
INEXPENSIVE STUDENT POTENTIOMETER

AMERICAN JOURNAL OF PHYSICS

08 00 65
*COLLEGE SCIENCE, *ELECTRICITY, *ELECTRONICS, *PHYSICS, *POTENTIOMETER, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT

251. SE 002 648 02 20 68 06 33 30 1 00 000 00
STABLER, H. P.
APPARATUS NOTES

AMERICAN JOURNAL OF PHYSICS

04 00 66 2
*COLLEGE SCIENCE, *PHYSICS, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, AIR RESISTANCE, CIRCULAR MOTION, SCIENCE EXPERIMENTS

252. SE 003 086 02 27 68 06 33 30 1 00 000 002
STAJDOHAR, RALPH E. AND TOWLE, LAIRD C.
TWO-KILOBAR HYDROSTATIC-PRESSURE SYSTEM FOR TEACHING AND RESEARCH

AMERICAN JOURNAL OF PHYSICS

01 00 67 8
*COLLEGE SCIENCE, *HYDROSTATIC PRESSURE, *PHYSICS, *RESEARCH, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES, ELECTRICAL CONDUCTIVITY, MELTING CURVES, SCIENCE EXPERIMENTS, UNDERGRADUATE STUDY, VISCOSITY

253. SE 002 717 02 22 68 06 23 38 1 00 000 003
STEINBERG, EDWIN E.
ELECTRICAL CONDUCTANCE APPARATUS

JOURNAL OF CHEMICAL EDUCATION

06 00 66 2
*COLLEGE SCIENCE, *CHEMISTRY, *CONDUCTIVITY, *SCIENCE EQUIPMENT, ELECTRICITY, PHYSICS

254. SE 002 079 02 06 68 06 23 38 1 00 000 003
STEVENS, M. P.
PREPARATION AND CROSSLINKING OF AN UNSATURATED POLYESTER - AN ORGANIC CHEMISTRY EXPERIMENT

JOURNAL OF CHEMICAL EDUCATION

03 00 67 2
*CHEMISTRY, *DISTILLATION, *LABORATORY TECHNIQUES, *ORGANIC CHEMISTRY, *SCIENCE EXPERIMENTS, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, SCIENCE ACTIVITIES

255. SE 002 999 02 26 68 06 33 30 1 00 000 002
STILLWELL, E. P., JR. AND OTHERS
EXPERIMENT IN CRYOGENICS FOR THE UNDERGRADUATE

AMERICAN JOURNAL OF PHYSICS

06 00 67 3
*COLLEGE SCIENCE, *CRYOGENICS, *PHYSICS, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, SCIENCE EXPERIMENTS, UNITED STATES AIR FORCE - OFFICE OF SCIENTIFIC RESEARCH

GPO 810-548-4

256. SE 003 311 08 07 68 06 33 20 1 00 000 003
STOCK, JOHN T.
A STABILIZED DIRECT-READING CONDUCTANCE APPARATUS

JOURNAL OF CHEMICAL EDUCATION

10 00 67 2
*COLLEGE SCIENCE, *CHEMISTRY, *ELECTROCHEMISTRY, *PHYSICAL SCIENCES, *PHYSICAL CHEMISTRY, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES, CONDUCTANCE, HYDROLYSIS, SCIENCE EXPERIMENTS

257. SE 002 141 08 23 67 06 23 30 00 000 003
STOCK, JOHN T. AND DeTHOMAS, A. V.
MICROAPPARATUS FOR DEMONSTRATING ELECTROPHORESIS ON PAPER

JOURNAL OF CHEMICAL EDUCATION

07 00 67 1
*COLLEGE SCIENCE, *CHEMISTRY, *ELECTROPHORESIS, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, NATIONAL SCIENCE FOUNDATION

258. SE 002 305 08 24 67 17 12 37 1 06 0 238
SUCKLING, E. E.
BIOELECTRICITY - BSCS PAMPHLET #4

D. C. HEATH AND COMPANY

12 00 62 36
*BIOLOGY, *BIOPHYSICS, *BIOELECTRICITY, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL SCIENCE, BIOLOGICAL SCIENCES CURRICULUM STUDY, AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES

259. SE 002 751 03 19 68 06 23 30 1 00 000 003
SUSSMAN, M. V.
REPORT OF THE NEW ENGLAND ASSOCIATION OF CHEMISTRY TEACHERS - DEMONSTRATING CONCEPTS OF STATISTICAL THERMODYNAMICS - MORE OF THE MAXWELL DEMON BOTTLE

JOURNAL OF CHEMICAL EDUCATION

02 00 66 3
*COLLEGE SCIENCE, *CHEMISTRY, *SCIENCE DEMONSTRATIONS, *SCIENCE EQUIPMENT, *SCIENCE ACTIVITIES, ENTROPY, HEAT, THERMODYNAMICS, WORK, AMERICAN INSTITUTE OF CHEMICAL ENGINEERS, 1965, MAXWELL DEMON BOTTLE, REPORT OF THE NEW ENGLAND ASSOCIATION OF CHEMISTRY TEACHERS (NEACT)

260. SE 003 886 08 14 68 22 20 20 1 00 000 003
SWINTON, F. L.
THE TRIPLE POINT OF WATER

JOURNAL OF CHEMICAL EDUCATION

09 00 67 1
*CHEMISTRY, *COLLEGE SCIENCE, *INSTRUCTIONAL MATERIALS, *TEXTBOOKS, *TEXTBOOK EVALUATION, *WATER, INSTRUCTION, TEXTBOOK ERRORS, TEMPERATURE, WATER TRIPLE POINT

261. SE 003 003 02 27 68 06 33 20 1 00 000 002
SYED, BASHIR A.
BEAM-SCANNER FOR EXPERIMENTS IN OPTICS, ACOUSTICS, AND MICROWAVES

AMERICAN JOURNAL OF PHYSICS

06 00 67 3
*BEAM SCANNERS, *COLLEGE SCIENCE, *PAPERS, *PHYSICS, *SCIENCE EQUIPMENT, MICROWAVES, OPTICS, ACOUSTICS

262. SE 002 051 07 05 68 10 72 17 2 22 000 319
THEOFANIS, JOHN C.
AN EXPERIMENTAL INVESTIGATION OF TWO METHODS OF PROGRAMING THE PRINCIPLES OF MAGNETISM AND ELECTRO-MAGNETISM - A COMPARISON OF TWO METHODS OF PROGRAMED INSTRUCTION OF A UNIT IN MAGNETISM AND . . . .

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

64 106
*ACHIEVEMENT, *ACADEMIC ACHIEVEMENT, *COMPARATIVE ANALYSIS, *CONCEPT FORMATION, *GRADE 8, *INSTRUCTION, *MAGNETS, *PHYSICS, *PROGRAMED INSTRUCTION, *SECONDARY SCHOOL SCIENCE, *TEACHING METHODS, DOCTORAL THESES, DEDUCTIVE METHODS, INDUCTIVE METHODS, PROGRAMED MATERIALS, RESEARCH REPORTS, 1964

263. SE 003 977 08 08 68 18 33 20 1 00 000 002
TUBBS, ELDRED F.
DEMONSTRATION OF GASEOUS DIFFUSION

AMERICAN JOURNAL OF PHYSICS

11 00 67 4
*COLLEGE SCIENCE, *CHEMISTRY, *DIFFUSION, *PHYSICAL SCIENCES, *PHYSICS, *SCIENCE EQUIPMENT, *SCIENCE DEMONSTRATIONS, GASES, AAPT APPARATUS COMPETITION

264. SE 002 144 02 07 68 06 25 38 1 00 000 003
TURK, AMOS AND TURK, JONATHAN
DIFFUSION-SEAL DESICCATOR FOR STUDENT USE

JOURNAL OF CHEMICAL EDUCATION

07 00 67 1
*CHEMISTRY, *DESICCATORS, *LABORATORY EQUIPMENT, *SCIENCE EQUIPMENT, COLLEGE SCIENCE, SECONDARY SCHOOL SCIENCE

265. SE 003 110 02 29 68 02 62 17 2 22 000 231
VAN DEVENTER, W. C.
A NEW APPROACH TO INTERDISCIPLINARY SEVENTH GRADE SCIENCE

AUTHOR, WESTERN MICHIGAN UNIVERSITY, DEPARTMENT OF BIOLOGY, KALAMAZOO

67 375
*CURRICULUM DEVELOPMENT, *ECOLOGY, *INQUIRY TRAINING, *SECONDARY SCHOOL SCIENCE, *SCIENCE ACTIVITIES, *TEACHING METHODS, *UNIFIED SCIENCE, BIOLOGY, CONCEPT TEACHING, CHEMISTRY, EVALUATION, EARTH SCIENCE, EDUCATIONAL OBJECTIVE, GENERAL SCIENCE, GRADE 7, INSTRUCTIONAL MATERIALS, PHYSICAL SCIENCES, SCIENCE COURSE IMPROVEMENT PROJECT, TEACHING GUIDES, 1967

266. SE 002 715 03 19 68 18 23 30 1 00 000 003
VAN LENTE, K. A.
COULOMETRY

JOURNAL OF CHEMICAL EDUCATION

06 00 66 2
*COLLEGE SCIENCE, *CHEMISTRY, *COULOMETRY, *ELECTROCHEMISTRY, *PHYSICAL CHEMISTRY, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, FARADAY'S LAWS, LABORATORY ACTIVITIES, COULOMETERS

267. SE 003 501 06 11 68 06 33 20 2 00 000 002
VANDER SLUIS, K. L. AND OTHERS
A SIMPLIFIED CONSTRUCTION OF A HELIUM-NEON VISIBLE LASER

AMERICAN JOURNAL OF PHYSICS

03 00 65 16
*COLLEGE SCIENCE, *PHYSICAL SCIENCES, OPTICS, PHYSICS, SCIENCE EQUIPMENT
ATOMIC ENERGY COMMISSION, LASERS

268. SE 002 686 11 08 67 17 23 34 1 00 000 003
VAN METER, F. M. AND EBERHARDT, W. H.
TEXTBOOK ERRORS INDEX

JOURNAL OF CHEMICAL EDUCATION

06 00 67 6
*CHEMISTRY, *COLLEGE SCIENCE, *INDEXES, *INSTRUCTIONAL MATERIALS, TEXTBOOKS, TEXTBOOK ERRORS, ADVISORY COUNCIL ON COLLEGE CHEMISTRY

269. SE 002 739 03 19 68 06 23 38 1 00 000 00
VOEGLEIN, JOSEPH F., JR.
SAFETY IN THE CHEMICAL LABORATORY - STORAGE AND DISPOSAL OF DANGEROUS CHEMICALS

JOURNAL OF CHEMICAL EDUCATION

02 00 66 7
*COLLEGE SCIENCE, *CHEMISTRY, *CHEMICALS, *CHEMICAL STORAGE, *CHEMICAL DISPOSAL, *SCIENCE MATERIALS, *SAFETY, BIBLIOGRAPHIES

270. SE 002 942 07 08 68 17 13 03 1 00 000 199
WAGNER, WARREN H.
BIBLIOGRAPHY - PTERIDOPHYTES

BIOSCIENCE

12 00 65 2
*BIBLIOGRAPHIES, *BOTANY, *COLLEGE SCIENCE, *PTERIDOPHYTES,
*REFERENCE MATERIALS, BIOLOGY, INSTRUCTIONAL MATERIALS, SECONDARY
SCHOOL SCIENCE, TAXONOMY, TEXTBOOKS

271. SE 003 234 03 04 68 17 22 20 1 00 000 004
WALKER, NOOJIN
CHEM STUDY, CBA, AND MODERN CHEMISTRY - A COMPARISON

SCHOOL SCIENCE AND MATHEMATICS

10 00 67 7
*CHEMISTRY, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL SCIENCE,
*TEXTBOOKS, *TEXTBOOK CONTENT, *TEXTBOOK EVALUATION, SCIENCE
COURSES, CHEMICAL EDUCATION MATERIALS STUDY, CHEMICAL BOND
APPROACH, MODERN CHEMISTRY (HOLT)

272. SE 002 880 02 26 68 06 33 38 1 00 000 002
WALL, C. N.
ANNOUNCEMENTS AND NEWS - THE FERRANTI GUARD RING DIODE -
MAGNETRON DETERMINATION OF ELM

AMERICAN JOURNAL OF PHYSICS

01 00 66 2
*PHYSICS, SCIENCE EQUIPMENT, COLLEGE SCIENCE, DIODES, MAGNETRON,
ELM, FERRANTI DIODE, HULL MAGNETRON EFFECT

273. SE 002 295 08 24 67 17 12 37 1 06 000 238
WALLACE, BRUCE
POPULATION GENETICS - BSCS PAMPHLET #12

D. C. HEATH AND COMPANY

64 36
*BIOLOGY, *GENETICS, *INSTRUCTIONAL MATERIALS, *POPULATION GENETICS,
*SECONDARY SCHOOL SCIENCE, INSECTS, AMERICAN INSTITUTE OF BIOLOGICAL
SCIENCES, BIOLOGICAL SCIENCES CURRICULUM STUDY

274. SE 002 608 02 20 68 06 23 38 1 00 000 003
WALSH, BROTHER JOSEPH M.
A SIMPLE APPARATUS FOR SCORING TLC PLATES

JOURNAL OF CHEMICAL EDUCATION

01 00 67 1
*CHROMATOGRAPHY, *SCIENCE EQUIPMENT, *THIN-LAYER CHROMATOGRAPHY,
BIOLOGY, CHEMISTRY, TLC PLATES

275. SE 003 423 07 10 68 17 12 29 1 00 000 012
WALSH, GEORGE A.
BSCS IN THE YELLOW VERSION

CATHOLIC SCHOOL JOURNAL

10 00 63 3
*BIOLOGY, *INSTRUCTIONAL MATERIALS, *MATERIAL DEVELOPMENT, *PROGRAM DESCRIPTIONS, *TEXTBOOK EVALUATION, BIOLOGICAL SCIENCES, CURRICULUM, COURSE DESCRIPTIONS, EDUCATIONAL IMPROVEMENT, LABORATORY TRAINING, STUDENT SCIENCE INTERESTS, SCIENCE COURSE IMPROVEMENT PROJECT, BIOLOGICAL SCIENCES CURRICULUM STUDY, YELLOW VERSION

276. SE 002 595 02 20 68 06 53 30 1 00 000 002
WARREN, KENNETH LYLE AND GRAEDEL, THOMAS E.
SPECTROGRAPHIC ANALYSIS WITH A SMALL TELESCOPE AND TRANSMISSION GRATING

AMERICAN JOURNAL OF PHYSICS

11 00 66 2
*ASTRONOMY, *COLLEGE SCIENCE, *SCIENCE EQUIPMENT, *SPRECTROGRAPHIC ANALYSIS, *SCIENCE ACTIVITIES, PHYSICS, STELLAR SPECTRA, TELESCOPES, TRANSMISSION GRATING

277. SE 002 845 04 05 68 17 82 17 1 00 000 006
WEAVER, EDWARD K. AND BLACK, ELDRED
THE RELATIONSHIP OF SCIENCE FICTION READING TO REASONING ABILITIES

SCIENCE EDUCATION

04 00 65 4
*FICTION, *INSTRUCTIONAL MATERIALS, *LITERATURE, *PROBLEM SOLVING, *READING, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, STEP - SCIENCE, 1959

278. SE 002 435 11 20 67 17 12 17 1 00 000 006
WEAVER, EDWARD K. AND BROWN, SAMUEL E.
DO BIOLOGY TEXTBOOKS WRITERS PRODUCE THEIR TEXTS IN CONFORMITY WITH THE MAJOR PRINCIPLES OF IMPORTANCE TO GENERAL EDUCATION BIOLOGY?

SCIENCE EDUCATION

10 00 65 2
*BIOLOGY, *GENERAL EDUCATION, *INSTRUCTIONAL MATERIALS, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, *TEXTBOOK CONTENT, *TEXTBOOK EVALUATION, TEXTBOOKS

279. SE 003 982 08 08 68 06 33 20 1 00 000 002
WEISS, RAINER
ELECTRIC AND MAGNETIC FIELD PROBES

AMERICAN JOURNAL OF PHYSICS

11 00 67 2
*COLLEGE SCIENCE, *PHYSICAL SCIENCES, *PHYSICS, *SCIENCE EQUIPMENT,
*SCIENCE DEMONSTRATIONS, ELECTRIC FIELDS, ELECTRICITY, MAGNETIC
FIELDS, MAGNETISM, AAPT APPARATUS COMPETITION

280. SE 002 523 09 09 68 06 33 30 1 00 000 002
WEISSMAN, ERIC
THE WATER FLASK WITH UNEQUAL HOLES

AMERICAN JOURNAL OF PHYSICS

12 00 66 3
*COLLEGE SCIENCE, *FLUID MECHANICS, *PHYSICS, *SCIENCE ACTIVITIES,
*SCIENCE EQUIPMENT, CALCULUS, INSTRUCTION

281. SE 002 558 03 14 68 06 33 30 1 00 000 002
WELTIN, HANS
EXPERIMENT IN RIGID-BODY DYNAMICS

AMERICAN JOURNAL OF PHYSICS

09 00 66 3
*COLLEGE SCIENCE, *MECHANICS, *PHYSICS, *RIGID-BODY DYNAMICS,
*SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, DYNAMICS, UNITED STATES
OFFICE OF EDUCATION

282. SE 002 549 08 08 68 06 33 38 1 00 000 002
WELTIN, HANS
HYSTERESIS LOOP

AMERICAN JOURNAL OF PHYSICS

10 00 66 4
*COLLEGE SCIENCE, *PHYSICS, *SCIENTIFIC METHODOLOGY, *SCIENCE EQUIPMENT, INSTRUCTIONAL AIDS, SCIENCE ACTIVITIES

283. SE 003 450 08 07 68 06 33 20 1 00 000 002
WHITE, LOCKE, JR.
LOW FREQUENCY CIRCUIT FOR DRIVING A GALVANOMETER IN FORCED
LINEAR OSCILLATION

AMERICAN JOURNAL OF PHYSICS

06 00 65 6
*COLLEGE SCIENCE, *PHYSICAL SCIENCES, *PHYSICS, *SCIENCE ACTIVITIES,
*SCIENCE EQUIPMENT, GALVANOMETERS, MATHEMATICS, WAVE GENERATORS

284. SE 003 452 08 07 68 06 33 20 1 00 000 002
WHITESIDE, HAVEN
LASER OPTICS EXPERIMENTS AND DEMONSTRATIONS

AMERICAN JOURNAL OF PHYSICS

06 00 65 6
*BIBLIOGRAPHIES, *COLLEGE SCIENCE, *MODERN PHYSICS, *PHYSICAL SCIENCES, *PHYSICS, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, LASERS, OPTICS, SCIENCE DEMONSTRATIONS, SCIENCE EXPERIMENTS

285. SE 003 976 08 07 68 06 33 20 1 00 000 002
WILD, R. L.
LECTURE DEMONSTRATION AND LABORATORY APPARATUS SHOWING F-CENTER DIFFUSION

AMERICAN JOURNAL OF PHYSICS

11 00 67 4
*COLLEGE SCIENCE, *PHYSICAL SCIENCES, *PHYSICS, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, *SOLID STATE PHYSICS, *SCIENCE DEMONSTRATIONS, *UNDERGRADUATE STUDY, AAPT DEMONSTRATION LECTURE APPARATUS, F-CENTER DIFFUSION

286. SE 003 064 07 10 68 17 13 38 1 00 000 001
WILHM, JERRY L.
SIMULATION OF SAMPLING POPULATIONS OF BENTHIC MACROINVERTEBRATES

THE AMERICAN BIOLOGY TEACHER

09 00 67 4
*BIOLOGY, *ECOLOGY, *POPULATION DYNAMICS, *COLLEGE SCIENCE, INSTRUCTIONAL MATERIALS, RESOURCE MATERIALS, SECONDARY SCHOOL SCIENCE, SCIENCE ACTIVITIES

287. SE 003 875 08 07 68 06 23 20 1 00 000 003
WILHOIT, RANDOLPH C.
RECENT DEVELOPMENTS IN CALORIMETRY

JOURNAL OF CHEMICAL EDUCATION

09 00 67 25
*BIBLIOGRAPHIES, *COLLEGE SCIENCE, *CHEMISTRY, *CALORIMETRY, *INSTRUMENTATION, *PHYSICAL CHEMISTRY, *SCIENCE EQUIPMENT, *SCIENCE RESEARCH, PHYSICAL SCIENCES

288. SE 003 305 08 07 68 06 23 29 1 00 000 003
WILHOIT, RANDOLPH C.
RECENT DEVELOPMENTS IN CALORIMETRY, PART III

JOURNAL OF CHEMICAL EDUCATION

10 00 67 28
*CHEMISTRY, *CALORIMETRY, *COLLEGE SCIENCE, *CALORIMETERS, *HEAT, *INSTRUMENTATION, *SCIENCE EQUIPMENT, PHYSICAL CHEMISTRY

289. SE 002 129 02 07 68 06 25 20 1 00 000 003
WILHOIT, RANDOLPH C.
TOPICS IN CHEMICAL INSTRUMENTATION XXXIII - RECENT DEVELOPMENT
IN CALORIMETRY

JOURNAL OF CHEMICAL EDUCATION

06 00 67 9
*CHEMISTRY, *COLLEGE SCIENCE, *CALORIMETRY, *PHYSICS,
*THERMODYNAMICS, SECONDARY SCHOOL SCIENCE, SCIENCE EQUIPMENT

290. SE 002 055 02 06 68 17 81 17 2 22 000 319
WILLIAMS, DAVID LEE
THE EFFECT OF REWRITTEN SCIENCE TEXTBOOK MATERIALS ON THE
READING ABILITY OF SIXTH GRADE PUPILS

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

64 203
*ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, *READABILITY,
*RESEARCH REPORTS, *READING ABILITY, *TEXTBOOKS, DOCTORAL THESES,
GRADE 6, READING DEVELOPMENT, READING COMPREHENSION, 1964, YOAKUM
READABILITY FORMULA, STANFORD ACHIEVEMENT TEST, OCEANOLOGY

291. SE 002 005 08 23 67 06 92 17 2 22 000 319
WILLIAMS, HERMAN MASTIN
THE SELECTION AND USE OF COMMUNITY RESOURCES IN THE SECONDARY
SCHOOL CURRICULUM

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

55 251
*COMMUNITY RESOURCES, *CURRICULUM DEVELOPMENT, *RESEARCH REPORTS,
*SECONDARY SCHOOL SCIENCE, *TEACHER RESOURCE MATERIALS, FIELD
TRIPS, SCIENCE EDUCATION, NORFOLK, VIRGINIA

292. SE 002 145 08 23 67 06 23 38 1 00 000 003
WOOD, T. AYLMER
A THERMOSTATIC BATH FOR TEMPERATURES BETWEEN 90° AND 300°K

JOURNAL OF CHEMICAL EDUCATION

07 00 67 1
*CHEMISTRY, *COLLEGE SCIENCE, *EQUIPMENT, *SCIENCE EQUIPMENT,
*TEMPERATURE

293. SE 002 728 02 22 68 06 23 38 1 00 000 003
WYNNE, E. A. AND OTHERS
SAFETY IN THE CHEMICAL LABORATORY - XXXIV. INSTRUMENT AND
EQUIPMENT HAZARDS

JOURNAL OF CHEMICAL EDUCATION

02 00 67 4
*COLLEGE SCIENCE, *CHEMISTRY, *SAFETY, LABORATORY SAFETY, SCIENCE
EQUIPMENT

294. SE 003 117 03 06 68 17 15 37 3 20 000 399
YAHRAES, HERBERT
NARCOTIC DRUG ADDICTION

UNITED STATES GOVERNMENT PRINTING OFFICE

65 22
*DRUG ADDICTION, *HEALTH EDUCATION, MENTAL HEALTH, *NARCOTICS, ADULT EDUCATION, AMPHETAMINES, BARBITURATES, COCAINE, MARIHUANA, COLLEGE SCIENCE, DRUGS, ELEMENTARY SCHOOL SCIENCE, SECONDARY SCHOOL SCIENCE, HEALTH, PUBLIC HEALTH, TRANQUILIZERS, UNITED STATES DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, PUBLIC HEALTH SERVICE, MENTAL HEALTH MONOGRAPHS

295. SE 002 707 04 19 68 17 25 20 2 00 000 003
YOUNG, JAY A.
PROGRAMED INSTRUCTION IN CHEMISTRY - A SUMMARY REVIEW

JOURNAL OF CHEMICAL EDUCATION

05 00 66 4
*CHEMISTRY, *COLLEGE SCIENCE, *INSTRUCTIONAL MATERIALS, *PROGRAMED INSTRUCTION, *SECONDARY SCHOOL SCIENCE, INSTRUCTION, TEXTBOOKS

296. SE 002 296 08 24 67 17 12 37 1 06 000 238
YOUNG, RICHARD S. AND PONNAMERUMA, CYRIL
EARLY EVOLUTION OF LIFE - BSCS PAMPHLET #11

D. C. HEATH AND COMPANY

64 30
*BIOLOGY, *EVOLUTION, *INSTRUCTIONAL MATERIALS, *SECONDARY SCHOOL SCIENCE, AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES, BIOLOGICAL SCIENCES CURRICULUM STUDY

297. SE 002 716 03 19 68 06 23 38 1 00 000 003
ZARET, MATTHEW E. AND OTHERS
A SIMPLE HIGH-RESOLUTION DIFFERENTIAL THERMAL ANALYSIS UNIT

JOURNAL OF CHEMICAL EDUCATION

06 00 66 2
*COLLEGE SCIENCE, *CHEMISTRY, *SCIENCE EQUIPMENT, *THERMAL ANALYSIS, HEAT, NATIONAL SCIENCE FOUNDATION, RENNSELAER POLYTECHNIC INSTITUTE

AUTHOR INDEX

Authors are listed alphabetically. The document number of each publication listed is entered after the author's name.

ACOSTA, V. AND OTHERS (1)

ADLER, ALAN AND HANE, MICHAEL (2)

AHEARNER, JOHN F. (3)

AINSLIE, D. S. (4)

ALEXOPOULOUS, C. J. AND KOEVENIG, JAMES (5)

ALLEN, R. B. (6)

ALPERN, D. K. (7)

ALYEA, HUBERT N. (8) (9)

ANDERSON, DAVID L. (10)

ANDERSON, KENNETH E. AND OTHERS (11)

ANDERSON, O. T. AND BEDESEM, M. P. (12)

ANDERSON, RONALD W. (13)

ANDREWS, C. L. (14)

ANGELL, C. A. AND GRUEN, D. M. (15)

AREM, JOEL E. (16)

ASHER, IRWIN AND HELLER, PETER (17)

AUFFENBERG, WALTER (18)

AULT, ADDISON (19)

BALCOMBE, R. J. AND PERZ, J. M. (20)

BARRETT, EDWARD J. (21)

BEAIRD, ROBERT W. (22)

BEHRINGER, MARJORIE (23)

BELFIELD, W. (24)

BELFORT, ALAN M. AND BELFORT, ANNE D. (25)

BIOLOGICAL SCIENCES CURRICULUM STUDY (26)

BLOCH, S. C. AND OTHERS (27)

BOOLOOTIAN, RICHARD A. (28)

BORK, ALFRED M. (29)

BOYER, ROBERT A. (30)

BRANLEY, FRANKLYN M. (31)

BRIERLEY, J. K. (32)

BROCKETT, CLYDE P. (33) (34)

BROWN, FRANK A., JR. (35)

BROWNSON, WILLIAM E. AND SCHWAB, JOSEPH J. (36)

BULTMAN, J. D. AND HANNAN, P. J. (37)

BURMESTER, M. A. AND LAWSON, C. A. (38)

CABANAGH, P. (39)

CAPRIO, MARIO W. AND JONES, GEORGE V. (40)

CARPENTER, DEWEY K. (41)

CARR, ARCHIE (42)

CHACO, M. C. (43)

CHANCE, CLAYTON WILLIAM (44)

CHEFURKA, PATRICIA M. (45)

CHEW, HENRY S. C. (46)

CHINNIS, ROBERT JENNINGS (47)

COLLIAS, NICHOLAS E. (48)

COLORADO STATE DEPT. OF EDUCATION (49)

COMMISSION ON COLLEGE PHYSICS (50)

CRALLE, ROBERT K. (51)

DAUGS, DONALD R. (52)

DAY, RICHARD AND RITTER, EDMOND J. (53)

DAYBELL, MELVIN D. (54)

DEALL, LOUIS (55)

DIAPER, D. G. M. (56)

DILLMAN, DUANE H. (57)

DRUMMOND, AINSLIE H. (58)

DUBRUL, E. LLOYD (59)

DUGGAN, JEROME L. AND ADAMS, WILLIAM D. (60)

DUGGAN, JEROME L. AND OTHERS (61)

EARL, J. A. (62) (63) (64)

EARTH SCIENCE CURRICULUM PROJECT (65) (66) (67) (68)

EATON, EDWARD JEFFERSON, JR. (69)

EHRENKRANZ, T. E. (70)

ELEMENTARY SCHOOL CURRICULUM PROJECT (71)

ELEMENTARY SCIENCE STUDY (72) (73) (74) (75)

ESCALANTE, A. YORK (76)

FARNER, DONALD S. (77)

FELL, JOHN L. (78)

FEYNMAN, RICHARD P. AND OTHERS (79) (80) (81)

FOWLER, JOHN M. AND BROOKS, JOHN F. (82)

FRANCIS, REVEREND BROTHER COLUMBAN (83)

FRENCH, A. P. (84) (85)

FRENCH, A. P. AND HUDSON, A. M. (86)

FRENCH, A. P. AND OTHERS (87)

FRENCH, W. R. (88)

GAFFRON, HANS (89)

GANTERT, ROBERT L. (90)

GERHARD, SHERMAN L. (91)

GESSER, H. D. AND OTHERS (92)

GILL, B. S. AND OTHERS (93)

GLASER, ROBERT AND OTHERS (94)

GLASSMAN, D. M. (95)

GORDON, ALBERT S. (96)

GORDON, ARNOLD J. (97)

GOTTLIEB, HERBERT H. (98) (99)

GRASSELL, EDWARD M. (100)

GRAY, PETER (101) (102)

GRUVER, WILLIAM J. (103)

GUNN, ROSS (104)

HAGER, NATHANIEL E. (105)

HANSON, ROGER J. AND
CLOTFELTER, BERYL E. (106)

HARRIS, JOHN (107) (108)

HARRIS, JOHN AND OTHERS (109)

HARVARD PROJECT PHYSICS
(110) (111) (112) (113) (114)

HASKINS, J. R. (115)

HELLO, O. (116)

HENDERSON, ALEXANDER, JR. (117)

HENSHAW, CLEMENT L. AND
LLOYD, JAMES N. (118)

HIRSCH, ROLAND F. (119)

HOLLAHAN, JOHN R. (120)

HOOD, JAMES D. (121)

HUNGATE, R. E. (122)

HUPERT, JULIUS J. AND
OTT, GARY (123)

HUTCHINSON, JOHN S. (124)

HYER, JAMES E. (125)

JEFFERS, FRED AND
SOULES, JACK A. (126)

JEONG, TUNG H. (127)

JOHNSON, B. J. (128)

JOHNSON, CARL S. AND
DAMBACH, CHARLES A. (129)

JONES, NORMA LOUISE (130)

JOSEPH, ALEXANDER (131)

KAHN, HERBERT L. (132)

KANKELEIT, E. (133)

KAYLOR, HOYT M. (134)

KEISLAR, EVAN (135)

KENDALL, B. R. F. AND
LUTHER, H. M. (136)

KENNEDY, MANERT (137)

KETNER, JARED A. (138)

KIMBROUGH, RAYMOND D., JR. (139)

KOELSCHE, CHARLES L. (140)

LAL, SUDARSHAN AND
SRIVASTAVA, S. N. (141) (142) (143)

LANGE, CLARENCE T. (144)

LEE, ADDISON E. (145)

LEITNER, ALFRED (146)

LEVINGER, JOSEPH S. (147)

LI SEUNG-PING AND
FENG, SHIH-YU (148)

LINDSAY, RICHARD H. AND OTHERS (149)

LITTLE, ELBERT L., JR. (150)

LOTT, PETER F. AND MILLICH, FRANK (151)

LOWE, I. J. AND WHITSON, D. (152)

LUFBURROW, ROBERT A. (153)

MAJOR, ALEXANDER G. AND
COLLETTE, ALFRED T. (154)

MANCHESTER, F. D. (155)

MANGERY, PETER WILLIAM (156)

MARCLEY, ROBERT G. (157)

MARYLAND UNIVERSITY MATHEMATICS
PROJECT (158) (159)

MASTERS, CHARLES O. (160)

MATTHEWS, WILLIAM H., III (161)

MATUSZAK, CHARLES, A. AND
MATUSZAK, ALICE JEAN (162)

MAYER, WILLIAM V. (163)

MAZIA, DANIEL (164)

MEINERS, H. F. (165)

MEYER, RUSSELL G. (166)

MEYERRIECKS, ANDREW J. (167)

MIDGLEY, CALVIN P. (168)

MILGROM, HARRY (169)

MILLER, FRANKLIN, JR. (170)

MILLER, J. MORTON (171)

MILNE, LORUS J. AND
MILNE, MARGERY (172)

MOLLRING, FRIEDRICH KARL (173)

MOLYNEUX, MARJORIE B. (174)

MOOG, FLORENCE (175)

MORGAN, ASHLEY G., JR. (176)

MURPHY, GLENN W. (177)

NAFF, M. BENTON AND NAFF,
ANNA S. (178)

NAGLE, J. STEWART AND OTHERS (179)

NATIONAL SCIENCE FOUNDATION (180)

NATIONAL SCIENCE TEACHERS
ASSOCIATION (181)

NEILL, WILFRED T. (182)

NEILSEN, I. R. (183)

NELSON, PEARL A. AND
KELLEY, GAYLEN B. (184)

NEMAN, R. L. (185)

NEW MEXICO STATE DEPARTMENT
OF EDUCATION (186)

NEWPORT, JOHN F. (187) (188)

NEUBERGER, HANS AND
NICHOLAS, GEORGE (189)

NIGRELLI, ROSS F. (190)

NOVAK, ALFRED (191)

NUSSBAUM, RUDI H. AND OTHERS (192)

OLSEN, EUGENE D. (193)

OSTROFF, A. G. (194)

OVERMIRE, THOMAS G. (195)

PARDUE, HARRY L. AND OTHERS (196)

PARKINSON, PETER D. S. (197)

PATTON, J. W. AND
JOHNSON, I. D. (198)

PERLMUTTER-HAYMAN, BERTA (199)

PESCETTI, D. AND PONTIGGIA, C. (200)

PHYSICAL SCIENCE STUDY COMMITTEE
(201) (202) (203) (204) (205) (206) (207)

POLLACK, S. A. AND WITTE, R. S. (208)

POLLARD, HARVEY BRUCE (209)

POST, RICHARD S. AND MARK, HANS (210)

QUICK, HORACE (211)

RAMMEL, JOSEPH A. (212)

RAUEN, PETER H. AND
MERTENS, THOMAS R. (213)

RAWLS, W. S. AND VOSS, H. G. (214)

REID, WILLIAM M. (215)

RINARD, PHILLIP M. (216)

ROBARGE, THOMAS J. (217)

ROBERTS, EUGENE (218) (219)

ROMER, I. CARL, JR. AND
KOENTOP, PRESTON E. (220)

ROPER, KEITH I. AND BROWN, STANLEY B. (221)

RUBINSTEIN, M. AND SHTRIKMAN S. (222)

RUBLOWSKY, JOHN (223)

RUBY, LAWRENCE (224)

RUCHELMAN, MARYON W. (225)

RUDMAN, REUBEN (226) (227) (228)

SACHS, A. M. (229)

SALINGER, G. L. AND LEITNER, A. (230)

SCHLEICHER, RUSSELL F. (231)

SCHMITT, DORIS M. (232)

SCHNIPPERS, JOHN VERNON (233)

SCHUYLER, ARENT H., JR. (234)

SCHWARZ, GUENTER (235) (236)

SCIENCE CURRICULUM IMPROVEMENT STUDY (237) (238) (239)

SECONDARY SCHOOL MATHEMATICS CURRICULUM IMPROVEMENT STUDY (240) (241) (242)

SEEGER, RAYMOND J. (243)

SEIDENBERG ARTHUR J. (244)

SHEPPARD, WILLIAM J. (245)

SHETTEL, HARRIS H. AND REILLY, PAMELA C. (246)

SHOWALTER, VICTOR M. AND SLESNICK, IRWIN L. (247)

SHRADER, ERWIN F. (248)

SINGER, WILLARD E. (249)

SMITH, WILLIAM C. (250)

STABLER, H. P. (251)

STAJDOHAR, RALPH E. AND TOWLE, LAIRD C. (252)

STEINBERG, EDWIN E. (253)

STEVENS, M. P. (254)

STILLWELL, E. P., JR. AND OTHERS (255)

STOCK, JOHN T. (256)

STOCK, JOHN T. AND DE THOMAS, A. V. (257)

SUCKLING, E. E. (258)

SUSSMAN, M. V. (259)

SWINTON, F. L. (260)

SYED, BASHIR A. (261)

THEOFANIS, JOHN C. (262)

TUBBS, ELDRED F. (263)

TURK, AMOS AND TURK, JONATHAN (264)

VANDER SLUIS, K. L. AND OTHERS (265)

VAN DEVENTER, W. C. (266)

VAN LENTE, K. A. (267)

VAN METER, F. M. AND EBERHARDT, W. H. (268)

VOEGLEIN, JOSEPH F., JR. (269)

WAGNER, WARREN H. (270)

WALKER, NOOJIN (271)

WALL, C. N. (272)

WALLACE, BRUCE (273)

WALSH, BROTHER JOSEPH M. (274)

WALSH, GEORGE A. (275)

WARREN, KENNETH LYLE AND GRAEDEL, THOMAS E. (276)

WEAVER, EDWARD K. AND BLACK, ELDRED (277)

WEAVER, EDWARD K. AND BROWN, SAMUEL E. (278)

WEISS, RAINER (279)

WEISSMAN, ERIC (280)

WELTIN, HANS (281) (282)

WHITE, LOCKE, JR. (283)

WHITESIDE, HAVEN (284)

WILD, R. L. (285)

WILHM, JERRY L. (286)

WILHOIT, RANDOLPH C. (287) (288) (289)

WILLIAMS, DAVID LEE (290)

WILLIAMS, HERMAN MASTIN (291)

WOOD, T. AYLMER (292)

WYNNE, E. A. AND OTHERS (293)

YAHRAES, HERBERT (294)

YOUNG, JAY A. (295)

YOUNG, RICHARD S. AND PONNAMERUMA, CYRIL (296)

ZARET, MATTHEW E. AND OTHERS (297)

GPO 810-548-2